RESULT

OF

ASTRONOMICAL OBSERVATIONS

MADE AT

THE HONORABLE

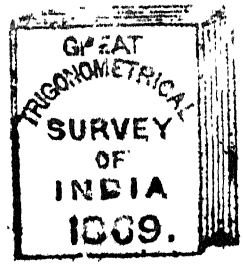
THE EAST INDIA COMPANY'S OBSERVATORY

AT MADRAS

BY

THOMAS GLANVILLE TAYLOR, Esq.

ASTRONOMER TO THE HONORABLE COMPANY.



VOL. III.

FOR THE YEARS 1834 AND 1835.

PRINTED

BY ORDER OF THE

MADRAS GOVERNMENT.

MADRAS:

PRINTED AT THE MALE ASYLUM, AND VEPERY MISSION PRESSES.

MDCCCXXXVI.

PREFACE.

THE present volume it will be seen, has been conducted upon pretty nearly the same plan as the two which have preceded it—the results of the observations in fact are here given in a completely reduced form, and the details of the observations altogether suppressed; and (as heretofore) copies of the rough observations have been forwarded to England to be deposited in the library of the Honorable Company. On consulting Vol. II, it will be seen, that towards the end of the year 1833, the illuminating pivot of the Transit Instrument exceeded the other pivot by 11″,37, an amount, which, although very large, did not materially effect the accuracy of the observations; fearing however, that an increased wear might have such an effect; I availed myself of the very ready attention which His Excellency the Governor was pleased to pay to my request of allowing it to be repaired; and accordingly on the 6th March 1834 it was despatched on the Bark *Resource* for Calcutta—from some unaccountable inattention, I regret to state that three months were allowed to elapse before it was delivered into Mr. Barrow's hands in Calcutta and a further delay of eight months permitted before it was returned to me—the repairs which I requested Mr. Barrow to perform consisted of reducing the bell metal pivots so as to allow of steel collars being applied, without increasing them beyond their original dimensions—these repairs were executed in a manner highly creditable to Mr. Barrow, and on the 31st January 1835 the Instrument was again landed at Madras in as perfect a working condition as when it first left the workshop of the maker. Since this period, the Instrument has been kept at work during the greater part of the night to make up for lost time; and the observations are on the whole very satisfactory—the Mural Circle has continued as heretofore to give results which agree steadily *inter se.*, but in some instances differ considerably from similar results obtained at other Observatories without my being able to account for the cause; I have however laid it down as a rule to myself, that in these results, I will exhibit the nature and extent of the *disagreements* equally with that of the agreements, and wait patiently for the discovery of the explanation—The observations made of Halley's Comet were necessarily for the most part made out of the Meridian, with Dolland's 5 feet achromatic, mounted (*a la Smeaton*) as an equatoreal—the accuracy to be attained with an Instrument thus appointed (compared with the accurate means possessed at other observatories) renders these observations of so little value that I have hesitated

whether to give them or no, but have eventually determined, that with thus much by way of caution; if they are of little or no service, they can possibly do but little harm—the observations on the meridian will, I apprehend make ample amends for the deficiencies of the others.

In the determination of the error of Collimation of the Transit Instrument and the Index Error of the Mural Circle, I have availed myself of the Collimation Principle to observe the image of the wire as reflected from a basin of quicksilver at the same time that the direct image is viewed in the usual way—the accuracy to be attained by this means is equal to any thing which the present wants of the Astronomer demands, and cannot but be considered as a valuable addition to these, and other Instruments to which the collimation eye piece can be applied. I cannot better conclude this preface than by regretting that several mistakes have unavoidably entered into its pages in the course of printing (see the table of errata) which it is desirable should be attended to before using the work—another circumstance too must be noticed, namely, that the slow rate at which printing proceeds at this Presidency has compelled me, either greatly to delay the work, or to employ two printers—considering that the latter evil would be the least of the two, I have adopted it; and consequently have been compelled to admit different sized type, and a second system of paging. I have only now to express a hope, that these observations and results (which have been obtained only by continued hard labour and after much anxiety) may, from their extent as well as accuracy, prove acceptable to Astronomers, and creditable to the Honorable Company's Observatory.

MADRAS OBSERVATORY,
10*th June* 1836.

T. G. TAYLOR,
H. C. ASTRONOMER.

OF THE TRANSIT INSTRUMENT.

HAVING given a minute description of the Transit Instrument in the first volume of this work, it will be sufficient here to state that the focal length is 61 Inches with a clear aperture of $3\frac{3}{4}$ Inches, and that I have continued to employ the power of 150 with which the observations were first commenced.

It now becomes necessary to refer to page 5 of Volume II; it is there shewn that towards the end of 1833 the radius of the pivot through which the light was admitted to illuminate the wires *apparently* exceeded that of the other pivot by 5″,68 but *really* by 4″,03; it is moreover shewn that the pivots differed so little from a circular figure that (this being taken account of) the observations were in no case affected to the amount of one second of space—to ascertain if this quantity remained constant, on the 6th March 1834 I inverted the axis ten times, when the half difference between the registered readings of the level came out 11″,17 i. e. 2,82 $(r - r') = 11''{,}17$ or the difference between the radii of the pivots = 3″,96 (r and r' representing the radii of the two pivots)—The effect of this inequality (employing the result of 1833) is to render necessary the correction 5″,68 to every observation of the Level, whereas if the result of 6th March 1834 be employed, a correction 5″,58 should be applied; the former however is that which has been used in the reduction of the observations. The eye peice is furnished with five vertical and one horizontal fixed wires, and one moveable wire; the Equatorial intervals between the former were determined from the intervals occupied by several stars situated near to the Pole to pass from wire to wire as follows.—

	Seconds
from 1st to centre wire.....	55,420
2d.....	27,896
4th.....	27,374
5th.....	54,594
	s.
rendering necessary the correction.....	0,270
	cos. Decln.

to the mean of the five wires to reduce them to the centre wire: These numbers hold good up to the 6th March 1834 when the Instrument was taken down and embarked on the *Resource* for Callutta for repairs.—

On the 31st January 1835 the Transit Instruments was again landed at Madras: the repairs in question consisted in reducing the bell metal pivots, and apply over them collars of steel without enlarging the pivots beyond their original dimensions, and filing the Y's smooth; this was performed by Mr. Barrow the Honorable Company's Instrument Maker in a manner highly creditable to him, and with but one slight exception the Instrument was in just the same good order as when it left the workshop of the Maker—the exception to which I allude is that there was not now enough *play* left to allow the moveable wire being adjusted to parallelism with the fixed wires—this I have since remedied by putting in a new set of wires. In the first place the following observations were made.

ILLUMINATING END OF THE AXIS BEING

1834	EAST			WEST.			½ diff.
	"	"	"	"	"	"	"
Jan. 31st, at							
10*h.* A. M.	0,70 W and	1,87 E	= 0,58 E	1,30 E and	5,33 E	= 3,82 E	1,62
	1,50 —	1,73 —	= 0,12 —	1,70 —	5,60 —	= 3,65 —	1,76
2*h.* P. M.	5,10 —	1,73 —	= 1,68 W	1,73 W —	5,07 —	= 1,77 —	1,72
	5,57 —	1,73 —	= 1,92 —	1,87 —	5,13 —	= 1,63 —	1,77
	5,13 —	2,07 —	= 1,53 —	1,93 —	4,90 —	= 1,49 —	1,51
	5,80 —	1,68 —	= 2,06 —	1,83 —	5,10 —	= 1,63 —	1,84
Feb. 1st. at							
10*h.* A. M.	1,57 W —	1,40 W	= 1,48 —	1,40 E —	2,40 E	= 1,90 E	1,69
	1,47 —	1,63 —	= 1,55 —	2,53 —	2,57 —	= 2,55 —	2,05
2*h.* P. M.	2,27 E —	2,30 E	= 2,28 E	5,10 —	5,05 —	= 5,07 —	1,40
	1,70 —	2,10 —	= 1,90 —	5,07 —	4,93 —	= 5,00 —	1,55

Taking the mean (1,69)″ it appears the radius of the illuminating pivot was too small 0″,60 and consequently that a correction 0″,85 should be applied to each observation of the level: to ascertain if this remained constant the following observations were made.

ILLUMINATING END OF THE AXIS BEING

1835	EAST.			WEST.			½ diff.
	"	"	"	"	"	"	"
Decr. 24.	13,5 W and	11,2 W	= 12,35 W	11,4 W and	8,6 W	= 10,00 W	1,17
	13,8 —	11,1 —	= 12,45 —	12,5 —	9,3 —	= 10,90 —	0,77
	15,0 —	11,8 —	= 13,40 —	12,5 —	9,1 —	= 10,80 —	1,30
	15,0 —	11,2 —	= 13,10 —	13,0 —	9,0 —	= 11,00 —	1,05
	15,0 —	11,2 —	= 13,10 —	13,0 —	8,6 —	= 10,80 —	1,15

Taking the mean it appears that the level observations now require a correction—0, 55″. In the reduction of the observations the former number was employed up to 8th October, and the latter for the remaining months of the year. The equatoreal interval between the wires (a new set having been put in by Mr. Barrow at Calcutta) was determined from the mean of 58 Stars situated near to the Pole to be:

	Seconds.
from 1st wire to centre	55 ,103
2d	27 ,570
4th	27 ,400
5th	54 ,846

These numbers apply as far as the 18th December;* for the observations of the 19th &c. the following equatoreal intervals were found:

	Seconds.
from 1st wire to centre	54 ,577
2d	26 ,961
4th	27 ,470
5th	55 ,289

rendering necessary the following corrections to reduce the mean of the five wires to the centre wire:

viz. from 1st Feb. 1835 to 18th December 1835. $+ \frac{0{,}086}{\cos. \text{Declin.}}$

18th December to 31st..... $- \frac{0{,}244}{\cos. \text{Declin.}}$

s

* Note from the Transit Book "At 6 o'clock this morning found the wires all broken! I had been observing till three o'clock when they were perfectly safe, but unfortunately had allowed an assistant (*Samian*) to sleep in the observatory when, curiosity (I apprehend had prompted him to finger and consequently to break the wires."

ERROR OF LEVEL OF THE TRANSIT AXIS.

THE Spirit Level (which is the best I have ever seen,) has been appplied generally every other day at one o'clock P. M.—the numbers set down in the second column are the mean of three readings with the " cross level east," and the same number with " cross level west," i. e. with the level resting upon the centre and upon the extreme east and west ends of the pivots; these numbers being the error of level of the upper surface of the pivots it becomes necessary to reduce them (see the value found at pages 1 & 2) to the error of level of the centre of the pivots. In the reduction of the Observations the correction $\frac{\text{L. sin altitude}}{\text{sin N. P. D.}}$ has consequently been applied to each observed transit.

1834	Illmtg. Pivot.	L+P	L	Remarks	1834	Illmtg. Pivot.	L+P	L	Remarks.
		"	"				"	"	
Jan. 2	East	2,04 W	7,72 W		Feb. 6	East	2,57 W	8,25 W	
4	..	2,38 „	8,06 „		8	..	2,85 „	8,53 „	
6	..	2,49 „	8,17 „		11	..	2,40 „	8,08 „	
8	..	3,77 „	9,45 „	Re-examd.	13	..	3,22 „	8,90 „	
10	..	2,66 „	8,34 „		15	..	4,46 „	10,14 „	
14	..	2,32 „	8,00 „		17	..	4,49 „	10,17 „	
16	..	2,64 „	8,32 „		19	..	3,87 „	9,55 „	
18	..	2,24 „	7,92 „		23	..	3,39 „	9,07 „	
20	..	1,85 „	7,53 „		25	..	3,67 „	9,35 „	
22	..	1,40 „	7,08 „		27	..	3,91 „	9,59 „	
25	..	1,35 „	7,03 „		Mar 1	..	3,95 „	9,63 „	
27	..	1,87 „	7,55 „		3	..	4,69 „	10,37 „	
30	..	2,75 „	8,43 „		5	..	4,86 „	10,54 „	
Feb. 1	..	2,42 „	8,10 „		6	..	———	———	Took down
3	..	2,29 „	7,97 „						the Inst.

1835	Illmtg. Pivot.	L+P	L	Remarks.	1835	Illmtg. Pivot.	L+P	L	Remarks.
		"	"				"	"	
Feb. 2	East	3,85 E			Feb. 18	East	2,04 E	2,48 E	
4	..	3,50 „							
5	..	3,78 „	4 =		20	..	2,70 „		
6	..	4,15 „	4,67 E		21	..	2,97 „	3 =	
					23	..	2,82 „	3,68.E	
9	..	2,97 „							
10	..	3,07 „			25	..	3,53 „		
12	..	2,41 „	4 =		27	..	2,07 „		
14	..	2,82 „	3,67 E		Mar. 1	..	2,38 „		
					2	..	2,77 „		
16	..	1,23 „	2 =		3	..	2,45 „		

1835		Illmtg. Pivot.	L+P	L	Remarks.
			"	"	
March	4	East	2,55 E		
	5	..	2,71 „		
	6	..	2,63 „		
	7	..	2,42 „		
	8	..	1,74 „	11 =	
	9	..	2,33 „	3,30 E	
	10	..	1,83 „		
	11	..	1,70 „		
	12	..	1,69 „		
	13	..	1,02 „		
	14	..	1,14 „		
	15	..	1,37 „		
	16	..	1,23 „		
	17	..	1,04 „		
	18	..	1,24 „		
	19	..	0,73 „		
	20	..	1,02 „		
	21	..	1,12 „		
	22	..	1,66 „		
	23	..	1,34 „		
	24	..	1,41 „		
	25	..	1,18 „		
	26	..	0,94 „	18 =	
	28	..	1,08 „	2,11 E	
	30	..	0,37 „		
April	2	..	0,06 W		
	4	..	0,10 „		
	6	..	0,17 E		
	8	..	0,44 „		
	10	..	0,56 „		
	12	..	0,20 W		
	14	..	0,67 „		
	16	..	0,40 „	10 =	
	18	..	0,36 „	0,83 E	
	20	..	0,76 „		
	22	..	1,20 „		
	24	..	0,59 „		
	26	..	0,80 „		
	28	..	0,84 „		
	30	..	1,44 „		
May	2	..	1,67 „		
	4	..	1,50 „		
	6	..	1,38 „		
	8	..	1,08 „		
	10	..	1,32 „	12 =	
	12	..	1,02 „	0,28 W	
	14	..	2,13 „		
	16	..	1,64 „		
	18	..	2,52 „		
	20	..	2,59 „		

1835		Illmtg. Pivot.	L+P	L	Remarks.
			"	"	
May	22	East	2,77 W		
	24	..	2,37 „		
	26	..	2,14 „		
	28	..	2,12 „		
	30	..	3,10 „		
June	1	..	2,90 „		
	3	..	2,70 „		
	5	..	1,73 „		
June	7	..	1,93 „		
	9	..	1,61 „		
	11	..	2,08 „		
	13	..	1,78 „		
	15	..	2,19 „		
	18	..	2,16 „		
	20	..	2,42 „		
	26	..	3,28 „		
	29	..	2,10 „		
July	1	..	2,40 „		
	3	..	2,96 „		
	5	..	2,92 „		
	7	..	2,42 „		
	9	..	2,21 „		
	11	..	2,17 „		
	13	..	2,74 „		
	15	..	2,69 „		
	17	..	2,95 „		
	20	..	1,91 „		
	21	..	1,55 „		
	22	..	2,47 „		
	24	..	2,75 „		
	27	..	1,57 „		
	29	..	1,92 „		
	31	..	2,20 „		
Aug.	2	..	1,99 „		
	4	..	2,10 „		
	6	..	2,35 „		
	8	..	2,90 „		
	10	..	2,42 „		
	13	..	1,91 „		
	15	..	1,60 „		
	20	..	1,75 „		
	26	..	2,88 „		
	28	..	2,44 „	48 =	
	31	..	2,20 „	1,45 W	
Sept.	2	..	2,01 „		
	5	..	1,85 „		
	7	..	1,43 „		
	9	..	1,38 „		
	13	..	1,40 „		
	15	..	1,80 „		
	17	..	1,81 „		
	19	..	1,57 „		
	22	..	1,67 „		

1835		Illmtg. Pivot.	L+P	L	Remarks.
			"	"	
Sept.	24	East	1,44 W		
	26	..	1,22 „		
	28	..	1,11 „		
	30	..	1,15 „		
Oct.	3	..	1,03 „	16 =	
	5	..	0,99 „	0,58 W	
	8	..	1,00 „		
	10	..	0,36 E		
	12	..	0,66 „		
	14	..	0,88 „		
	16	..	0,98 „		
	19	..	0,31 „		
	21	..	0,13 „		
	23	..	0,43 „		
	25	..	0,38 W	9 =	Re-examd.
	27	..	0,57 E	0,99 E	
Nov.	2	..	2,28 „		
	5	..	2,92 „		
	7	..	3,53 „		Do.
	9	..	2,60 „		Do.
Nov.	11	..	1,96 E		Re-examd.
	12	..	2,29 „		
	15	..	1,52 „		
	18	..	2,65 „		
	21	..	2,83 „		
	23	..	3,33 „		
	25	..	2,97 „		
	27	..	2,77 „		
Dec.	1	..	*1,79 „		
	3	..	2,53 „		
	5	..	2,72 „		
	9	..	2,77 „		
	12	..	2,41 „		
	15	..	2,86 „	18 =	
	18	..	3,10 „	2,12 E.	
	20	..	3,62 „		Do.
	22	..	3,52 „		
	24	..	3,33 „		
	26	..	3,14 „		
	28	..	3,38 „		
	30	..	3,65 „	2,99 E.	

ERROR OF COLLIMATION AND COLLIMATION EYE PIECE.

In the ordinary use of small instruments and indeed of most of those which are employed in the public observatories in Europe it is usual to determine the position of the line of Collimation by inversion of the axis, and to correct its error if any by again and again inverting—there are few however I apprehend who have not had to complain that inverting of the axis is attended not only with uncertainty but with danger, since the least want of care in depositing the instrument exactly and gently upon its Y's will often create a larger azimuth error than the Collimation error for which we desire to correct; with the Madras Instrument however, (which is provided with a wire micrometer for measuring small distances in azimuth from the centre wire) I have generally speaking avoided inversion by registering the azimuth of the centre wire from two marks situated at nearly 180° apart (to the north and south of the Transit Instrument) whose exact angular distance had previously been measured by frequent inversion of the axis; and have preferred computing the error which attaches to each observation from the error of Collimation rather than attempt to do away with it—could we obtain two marks sufficiently distant

* Omitted.

to render imperceptible any small movement which they may undergo by heavy rain or otherwise, the angular distance once determined would not again require verification and the plan would be complete enough; but in the case of the Madras marks (which are situated at from one to two miles distance, one of which has certainly altered its position during the last five years about two inches;) the labor of verifying their position has gone far to render the plan useless. I have however with the following check contrivance continued as heretofore to compute the error of Collimation from the every-day readings of the marks, and have consequently not been dependant (save in the first instance) upon inversion for a knowledge of the error of the line of Collimation; the plan in question which may not inaptly be called the *Transit reflecting Collimator*, was instituted as much to keep a check upon the pivots (which as has already been explained had worn unequally) as to verify the angular distance between the marks; it consists of an application of the Collimation principle whereby the distance of the centre wire is measured from its image as reflected from a basin of quicksilver placed underneath the transit axis; this was accomplished as follows: I drilled a hole of 0,15 inches diameter in the side of the telescope at a distance of 5 inches from the eye end, and so disposed a lamp that its light might fall upon the centre wire and be visible through the eye piece; I then removed the second glass of one of the eye pieces and introduced a plain silver speculum having a small hole in the centre between the remaining eye lense and the wires; this speculum (moving on two screws as an axis) was so disposed as to receive the rays from the lamp and reflect them perpendicularly upon the wires, whereby the reflected image was rendered very nearly as distinct as the direct image; for the measurement of the distance between these, I brought the moveable wire to occupy a position as much to the west of the centre wire, as the latter was to the west of its reflected image, (an observation which could be made with very great accuracy) when the reading gave the value 2 (C + L — P) in which L + P as furnished at pages 4 &c. being employed with the value of P (page 2) would leave us in possession of C the error of Collimation, or employing the value of L + P and C we obtain those of P; the latter is for the present the use to which I have applied the readings of the "Reflecting Collimator" as will be seen in the sequel.

For the angular distance between the N and S Marks in the Months of January and February 1834, the result given in Vol. II as determined in December 1833 has been employed, viz. 180° 0′ 25″,07 reckoning towards the west, and for the angular distance in 1835 (when the Instrument was returned from Calcutta) the following are the results which have been obtained.

1835				° ′ ″
Feb. 12	Mean of two	Invers.	at Sun Set	180 0 26,08
13	do.	do.	do.	26,08
16	do.	do.	do.	25,38
17	do.	do.	do.	26,81
18	do.	do.	do	25,73
21	do.	do.	do.	25,01
23	do.	do.	do.	24,92
27	do.	do.	do.	25,27
March 2	do.	do.	do.	25,44
3	do.	do.	do.	25,95
4	do.	do.	do.	27,11
5	do.	do.	do.	26,76
9	do.	do.	do.	27,04
21	do.	do.	do.	26,46
26	do.	do.	do.	26,38
The mean of these 15 results				180 0 26,03

is consequently that which has been employed in reducing the observations of 1835—If we call this angle $\theta = N^{o}—S^{o}$, or if the readings of the North and South marks when the Collimation =0 be represented by N and—S respectively; reckoning + C for east, and—C for west deviation from this position, we have

$$\text{the readings of the North Mark } N = N^{o} \pm C$$
$$\text{South do. } S = -S^{o} \pm C$$

taking the sum $N^{o}—S^{o} + 2$ C and subtracting $(N^{o}—S^{o})$ as given above and dividing the remainder by 2 we get the error of Collimation. With regard to the results given by the reflecting Collimator they were registered from the 1st February 1835, but by reason of my not having paid a sufficient attention to the want of parallelism of the moveable to the centre wire, the results up to the 1st October are more discordant than I could wish; from this day (having fixed the speculum so as to command a view of the horizontal wire at the time of making the bisection,) the observations up to the end of the year are as accurate as the nature of the method will permit: The observations of the marks which now follow are the mean of three readings in the evening and the same number on the following morning, and those of the reflecting Collimator are from the mean of three observations made at Noon. The column "L + P" is the same as given at page 4, save that for the intermediate days I have employed a corresponding intermediate result.

1834	Observed Azimuth from N.	Observed Azimuth from S.	$\frac{N+S+\theta}{2}$	Remarks, &c.
	"	"	"	
January 1	+ 33,34	— 61,86	— 1,72	
2	33,06	61,59	1,73	
3	32,38	61,10	1,82	
4	32,31	60,83	1,72	
5	32,20	61,00	1,86	
6	32,58	61,37	1,86	Mean — 1″,78
7	32,44	61,72	2,10	
8	32,38	62,03	2,29	
9	32,55	62,06	2,22	
10	32,51	61,86	2,14	
11	32,65	62,16	2,22	
12	32,16	61,86	2,31	
13	32,03	61,44	2,17	
14	32,09	61,52	2,18	
15	32,23	61,86	2,28	
16	32,26	62,03	2,35	
17	31,79	61,37	2,25	
18	31,69	60,83	2,03	
19	31,92	60,72	1,86	
20	31,82	61,17	2,14	
21	31,57	61,59	2,47	
22	31,69	61,62	2,43	
23	31,37	62,38	2,97	
24	31,37	62,06	2,81	Mean — 2″,26
25	32,55	60,14	1,26	
26	33,69	59,62	0,43	
27	33,44	60,83	1,16	
28	33,44	60,34	0,91	
29	32,92	60,10	1,05	
30	33,19	60,14	0,94	
31	32,82	59,58	0,84	
Feby. 1	33,06	59,80	0,82	
2	33,17	59,52	0,64	
3	32,92	59,75	0,88	
4	33,06	59,75	0,81	
5	33,06	59,80	0,83	
6	33,37	59,83	0,69	
7	33,69	60,21	0,72	
8	34,10	59,58	0,21	
9	33,44	60,04	0,76	
10	32,95	60,48	1,23	
11	33,41	60,51	1,01	
12	33,34	60,44	1,01	
13	33,12	60,44	1,13	
14	33,34	60,07	0,83	
15	33,41	60,55	1,03	
16	33,16	60,51	1,14	

1835		Observed Azimuth from N.	Observed Azimuth from S.	$\frac{N+S+\theta}{2}$	Remarks, &c.
		"	"	"	
April	20	+ 41,86	— 52,05	+ 7,91	
	21	43,00	52,67	8,18	
	22	43,31	52,78	8,28	Mean 7",97
	23	41,75	——	——	
	24	41,27	53,77	6,76	
	25	41,65	53,87	6,90	
	26	41,31	54,11	6,61	
	27	41,17	53,60	6,80	
	28	40,73	54,11	6,32	
	29	41,07	54,28	6,41	
	30	41,17	54,08	6,56	
May	1	40,73	53,67	6,55	
	2	40,63	53,74	6,46	
	3	40,66	53,91	6,39	Mean of 10=6",575
	4	41,24	53,77	6,75	
	5	41,93	54,28	6,84	
	6	41,65	54,11	6,78	
	7	41,75	53,94	6,92	
	8	41,83	53,33	7,26	
	9	41,51	53,53	7,00	
	10	41,44	53,26	7,10	
	11	40,73	53,67	6,54	
	12	40,49	54,11	6,20	
	13	40,28	53,77	6,27	Mean of 10=6",765
	14	40,03	53,94	6,06	
	15	40,53	54,01	6,27	
	16	40,46	53,81	6,34	
	17	40,28	53,12	6,59	
	18	40,25	53,26	6,51	
	19	40,35	52,84	6,77	
	20	40,15	52,40	6,89	
	21	39,86	52,59	6,65	
	22	40,00	52,59	6,72	
	23	40,31	52,91	6,72	Mean of 10=6",552
	24	40,24	52,57	6,85	
	25	40,21	53,08	6,58	
	26	40,03	52,91	6,57	
	27	40,07	53,33	6,38	
	28	39,01	53,57	5,73	
	29	39,04	53,26	5,90	
	30	39,86	——	——	
	31	39,76	53,60	6,09	
June	1	40,11	53,77	6,18	
	2	40,04	——	——	
	3	40,14	53,26	6,46	
	4	40,11	53,26	6,44	Mean of 10=6",318
	5	40,49	53,26	6,63	
	6	40,80	53,40	6,71	

1835		Observed Azimuth from N.	Observed Azimuth from S.	$\frac{N+S+\theta}{2}$	Remarks.
		"	"	"	
June	7	+ 40,87	— 53,77	+ 6,56	
	8	40,63	53,57	6,55	
	9	40,80	53,26	6,78	
	10	40,83	53,60	6,63	
	11	40,56	54,11	6,24	
	12	40,63	53,77	6,44	
	13	41,16	53,73	6,73	
	14	41,16	———	———	
	15	41,16	53,43	6,88	Mean of 10=6″,615
	16	40,38	———	———	
	17	40,21	53,60	6,32	
	18	40,21	53,94	6,15	
	19	39,69	———	———	
	20	39,59	———	———	
	21	40,13	53,26	6,45	
	22	39,47	53,60	5,95	
	23	39,94	53,94	6,01	
	24	40,18	54,04	6,08	
	25	39,78	52,94	6,43	
	26	39,49	52,57	6,47	
	27	39,52	52,23	6,66	
	28	39,78	52,68	6,56	Mean of 10=6″,308
	29	39,47	52,32	6,59	
	30	39,62	52,23	6,71	
July	1	39,60	52,26	6,68	
	2	39,91	52,01	6,97	
	3	39,76	51,88	6,95	
	4	39,66	51,54	7,07	
	5	39,69	52,23	6,74	
	6	39,91	52,09	6,92	
	7	39,76	52,20	6,79	
	8	39,60	52,15	6,74	Mean of 10=6″,816
	9	39,73	52,15	6,80	
	10	40,00	52,06	6,99	
	11	40,03	52,10	6,98	
	12	40,29	52,15	7,09	
	13	40,29	52,10	7,11	
	14	40,07	52,31	6,89	
	15	40,03	52,50	6,78	
	16	39,18	52,91	6,15	
	17	39,61	52,66	6,49	
	18	39,64	52,91	6,38	Mean of 10=6″,766
	19	39,62	52,74	6,45	
	20	39,18	53,17	6,02	
	21	39,26	53,23	6,03	
	22	———	53,00	———	
	23	39,18	53,26	5,97	
	24	39,72	53,00	6,37	
	25	39,86	53,17	6,36	

1835		Observed Azimuth from N.	Observed Azimuth from S.	$\frac{N+S+\theta}{2}$	Remarks, &c.
		"	"	"	
July	26	+ 39,96	— 53,31	— 6,34	
	27	39,86	53,26	6,31	
	28	39,94	53,29	6,34	
	29	39,96	53,65	6,17	Mean of 10=6",236
	30	40,14	53,60	6,28	
	31	40,03	53,13	6,46	
August	1	40,40	53,23	6,60	
	2	40,31	53,35	6,49	
	3	40,38	53,26	6,57	
	4	40,47	53,00	6,75	
	5	40,18	53,08	6,56	
	6	40,03	53,08	6,49	
	7	40,07	52,91	6,59	
	8	40,03	53,43	6,31	Mean of 10=6",510
	9	40,21	53,15	6,54	
	10	40,21	53,08	6,58	
	11	40,21	53,26	6,49	
	12	40,32	53,21	6,57	
	13	40,56	53,57	6,51	
	14	40,65	52,91	6,89	
	15	40,58	53,05	6,78	
	16	40,90	52,57	7,18	
	17	40,24	53,01	6,63	
	18	40,53	53,52	6,52	Mean of 10=6",669
	19	40,56	53,34	6,62	
	20	40,56	53,60	6,49	
	21	40,21	53,08	6,58	
	22	40,48	53,08	6,71	
	23	40,64	———	———	
	24	40,21	53,26	6,49	
	25	40,24	———	———	
	26	40,21	———	———	
	27	40,13	———	———	Trees had grown so as to obscure the mark to the South.
	28	40,51	———	———	
	29	40,41	———	———	
	30	40,56	———	———	
	31	40,64	53,08	6,79	
Sept.	1	40,30	53,43	6,45	
	2	39,86	53,60	6,14	
	3	40,38	53,33	6,54	
	4	40,14	53,75	6,21	Mean of 10=6",502
	5	39,59	53,57	6,02	
	6	40,45	53,70	6,39	
	7	40,63	53,80	6,43	
	8	40,60	53,84	6,39	
	9	40,66	53,84	6,42	
	10	40,77	53,71	6,54	
	11	40,59	53,71	6,45	

1835	Observed Azimuth from N.	Observed Azimuth from S.	$\frac{N+S+\theta}{2}$	REMARKS, &c.
	"	"	"	
Sept. 12	+ 40,66	— 53,71	+ 6,49	Mean of 128=6",536
14	43,20	51,71	8,76	
15	43,20	52,23	8,50	
16	43,45	52,23	8,63	
17	42,65	52,23	8,22	
18	42,79	52,13	8,35	
19	43,13	51,78	8,69	
20	43,21	51,54	8,85	
21	43,21	51,54	8,85	
22	43,31	———	———	
23	42,62	———	———	
24	43,28	51,37	8,97	
25	43,21	51,61	8,81	
26	43,38	51,61	8,90	
27	43,75	51,88	8,95	
28	43,48	———	———	
29	43,65	51,54	9,07	
30	43,31	51,38	8,98	

1835	Observed Azimuth from N.	Observed Azimuth from S.	$\frac{N+S+\theta}{2}$ or C	REMARKS, &c.	$\frac{\text{Ref. Col.}}{2}$ or C+L—P	L+P	Diff. or C—2 P	2 P
	"	"	"		"	"	"	"
Octr. 1	+ 43,82	— 52,02	+ 8,91					
2	42,96	51,54	8,72					
3	43,31	52,23	8,55		8,76	1,03 W	9,79	+1,24
4	42,44	51,27	8,60					
5	42,34	51,20	8,58		8,84	0,99 ..	9,83	+1,25
6	43,65	52,91	8,39					
7	43,13	———	———		8,42	1,00 ..	9,42	
8	43,07	52,75	8,17		8,85	1,00 ..	9,85	+1,68
9	42,96	52,13	8,43		9,45			
10	43,48	52,23	8,64		10,05	0,36 E	9,69	+1,05
11	43,90	———	———		9,11	0,51 ..	8,60	
12	43,38	52,64	8,38		10,91	0,66 E	10,25	+1,87
13	43,49	52,91	8,30		11,71	0,77 ..	10,94	+2,64
14	42,52	52,40	8,07		10,92	0,88 ..	10,04	+1,97
15	42,82	———	———		11,94	0,93 ..	11,01	
16	42,78	51,54	8,63		11,69	0,98 ..	10,71	+2,08
17	42,45	51,20	8,64		11,26			
18	42,76	50,77	9,01					
19	42,52	50,51	9,02		11,69	0,31 ..	11,38	+2,36
20	42,45	———	———		11,17	0,23 ..	10,94	
21	42,10	49,61	9,26			0,13 ..		

1835	Observed Azimuth from N.	Observed Azimuth from S.	$\frac{N+S+\theta}{2}$ or C	Remarks, &c.	$\frac{\text{Ref. Col}}{2}$ or C+L—P	L+P	Diff. or C—2 P	2 P
	"	"	"		"	"	"	"
Oct. 22	+ 42,07	— 50,34	+ 8,88		10,82	0,28 E	10,54	+ 1,66
23	42,00	49,85	9,09		10,65	0,43 ..	10,22	+ 1,13
24	42,17	49,64	9,28		11,08	0,40 ..	10,68	+ 1,40
25	42,00	——	----			0,38 ..		
26	42,10	50,19	8,97		11,00	0,48 ..	10,52	+ 1,55
27	42,70	50,66	9,03		11,00	0,57 ..	10,43	+ 1,40
28	42,00	50,16	8,93					
29	41,68	50,09	8,81					
30	42,03	——	----					
31	42,00	——	—--					
Nov. 1	42,03	50,33	8,86					
2	41,83	50,13	8,86		12,03	2,28 ..	9,75	+ 0,89
3	41,68	50,10	8,80		13,23	2,60 ..	10,63	+ 1,83
4	41,51	49,79	8,87		12,88	2,60 ..	10,28	+ 1,41
5	41,54	49,89	8,84			2,92 ..		
6	41,41	49,65	8,89					
7	——	49,23	----			3,53 ..		
8	39,93	——	----		12,63	3,06 ..	9,57	
9	40,00	——	----	Trees had grown in	11,78	2,60 ..	9,18	
10	39,69	——	----	the way.	13,06			
11	39,93	——	----		11,34	1,96 ..	9,38	
12	39,96	——	----		11,60			
13	39,96	——	----		12,28	2,29 ..	9,99	
14	39,55	——	----		12,63	1,90 ..	10,73	
15	——	——	----		12,81	1,52 ..	11,29	
16	40,07	46,75	9,67		12,03	1,90 ..	10,13	+ 0,46
17	39,21	45,88	9,68					
18	39,42	46,13	9,66		11,78	2,65 ..	9,13	+ 0,53
19	39,09	46,61	9,25		12,13			
20	39,69	——	----		11,34			
21	39,11	46,75	9,19		12,72	2,83 ..	9,89	+ 0,70
22	39,18	46,51	9,35					
23	39,08	46,33	9,39			3,33 ..		
24	38,33	46,40	8,98		12,62	3,15 ..	9,47	+ 0,49
25	38,94	46,47	9,25		13,75	2,97 ..	10,78	+ 1,53
26	38,84	46,40	9,23		13,23		10,26	+ 1,03
27	38,81	46,40	9,22		12,46	2,77 ..	9,69	+ 0,47
28	39,15	46,23	9,46		— 12,72	2,28 E	10,44	+ 0,98
29	39,01	46,13	9,45					
30	39,15	46,47	9,35			1,79 E		
Dec. 1	39,11	——	----		14,62	2,16 ..	12,46	
2	39,49	45,92	9,80		14,09	1,16 ..	11,93	2,13
3	39,15	46,20	9,49		14,27	2,53 ..	11,74	2,25
4	39,18	46,40	9,40					
5	39,32	46,37	9,49		14,09	2,72 ..	11,37	1,88
6	39,25	46,30	9,49					
7	39,11	——	----		13,49	2,74 ..	10,75	1,31
8	39,32	——	----					
9	39,32	——	----			2,77 ..		
10	39,22	——	----		13,83	2,59 ..	11,24	1,80
11	39,08	46,33	9,39		14,27	2,59 ..	11,68	2,29
12	39,01	46,16	9,44		13,41	2,41 ..	11,00	1,56
13	38,98	——	----		13,75			

1835	Observed Azimuth from N.	Observed Azimuth from S.	$\frac{N+S+\theta}{2}$ or C	Remarks, &c.	$\frac{\text{Ref. Col.}}{2}$ or C+L−P	L+P	Diff. or C−2 P	2 P
Dec. 14	+ 38,87	— 46,23	+ 9,33					
15	39,49	46,09	9,71		— 13,57	2,86 E	10,71	+1,00
16	39,49	——	——		13,92			
17	39,49	——	——		13,75			
18	39,39	——	——					
				Mean of 23=9″,43		3,10 ..		
19	39,29	——	——					
20	39,18	——	——		14,62	3,62 ..	11,00	
21	38,65	——	——	Trees had grown in	15,63			
22	38,98	——	——	the way.	15,12	3,52 ..	11,60	
23	39,02	——	——		15,21			
24	39,15	——	——			3,33 ..		
25	39,15	45,40	9,89		15,29			
26	38,00	44,51	9,76			3,14 ..		
27	38,08	44,58	9,76		14,79	3,26 ..	11,53	1,77
28	38,15	44,75	9,71		15,04	3,38 ..	11,66	1,95
29	38,22	44,65	9,80		15,12	3,51 ..	11,61	1,81
30	38,18	44,34	9,93		15,55	3,65 ..	11,90	1,97
31	38,15	44,31	9,93	Mean of 7=9″,83	15,12	3,56 ..	11,56	1,63

Taking the mean it appears that the illuminating pivot is too small by a quantity which renders necessary the correction 0,″76; a result agreeing to very tolerable accuracy with that found at page 2. In the reduction of the observations the mean result as set down in the 5th column is that which has been employed, in addition to which I have made allowance for the diurnal Aberration (0″,30) and have further reduced all the observations (being the mean of five wires) to the centre wire by the numbers found at pages 1 and 2; thus, the Collimation correction applied to any observation in the month of August 1835 $= \frac{6″,54 - 0″,30 + 1″,29}{15 \cos. \text{Declin.}}$ Before taking leave of the Reflecting Collimator it may be as well here to notice the purposes to which it appears to be particularly adapted: in the case of being supplied with a good level, the Reflecting Collimator cannot be more advantageously employed than in the determination of the Error of Collimation whereby the uncertainty of inversion is avoided; if the level be a bad one or should it unfortunately be broken recourse must be had to inversion of the axis, when the readings we get are

$$\text{Illuminating Pivot East} \quad \overline{C + L - P} \times 2$$
$$\text{West} - \overline{C + L + P} \times 2$$

from the difference 2 (C — P) and a previous knowledge of P, we obtain C the error of Collimators and taking the sum 2 L, we obtain the error of Level; thus, on the 27th March 1835 I inverted the axis of the Transit, noting in each situation of the axis the indications of the Reflecting Collimator thus

Illuminating pivot East the reading was + 13″,06 or $\overline{C+L-P}\times 2$
——————————West————————— — 6″,18 — $\overline{C+L+P}\times 2$

Assuming P = 0″,85 we get L = 1″,72 E and C = + 5″,66 whereas from the Level Observations we find L = 2″,11 E and from the observations of the North and South marks, for C we get + 6″,15 and from the inverson of the axis we get + 6″,39.

Were the Madras Observatory situted in a high latitude (where recourse could be had every day to circumpolar observations) I should be tempted to give up the Meridian Marks altogether or to employ them only as a check upon the Reflecting Collimator.

ERROR IN AZIMUTH.

The difficulty of obtaining a sufficient number of consecutive observations above and below the pole of the two or three stars which are available in this low latitude, has rendered the determination of the azimuth error liable to an uncertainty (in some cases) of a second or a second and a half of space; notwithstanding this seemingly large amount I have not yet met with a catalogue of stars by the use of which I might except to arrive at more certain results; under this conviction I have employed the few observations which could be made for the verification of the azimuth of the marks together with the result obtained from the observations of November and December 1833, from which I apprehend that a tolerably near approximation to the truth has been obtained as follows.

POLARIS.

1834	Observed Transit.	Clock Error.	Aberration &c.	Correction for Level.	Correction for Collimation	Mean Right Ascension January 1, 1834.
	h m s.	*s.*	*s.*	*s.*	*s.*	*h. m. s.*
Jan. 2	0 59 43,88	+ 45,05	— 1,55	+ 4,89	— 0,50	1 0 31,77 + a^{i} × 2,334
3	0 59 42,38	47,51	— 0,75	4,89	,50	33,53 + a^{ii} ———
4	0 59 40,63	50,05	+ 0,05	4,89	,50	35,12 + a^{iii} ———
5	0 59 36,37	53,00	+ 0,83	4,89	,50	34,59 + a^{iv} ———
6	0 59 32,54	56,05	+ 1,62	4,89	,50	34,60 + a^{v} ———
7	0 59 29,27	58,82	+ 2,41	6,51	,62	36,39 + a^{vi} ———
10	0 59 20,16	+ 1, 6,91	+ 4,82	5,00	,62	36,27 + a^{ix} ———
11	0 59 17,45	1, 8,88	+ 5,62	5,00	,62	36,33 + a^{x} ———
12	0 59 14,27	1,11,23	+ 6,43	5,00	,62	36,30 + a^{xi} ———
13	0 59 14,13	1,13,69	+ 7,23	5,00	,62	39,43 + a^{xii} ———
14	0 59 8,43	1,16,54	+ 8,03	5,00	,62	37,38 + a^{xiii} ———
15	0 59 5,48	1,19,45	+ 8,83	5,00	,62	38,14 + a^{xiv} ———
16	0 58 45,82	+ 1,37,63	+ 9,63	5,00	,62	37,46 + a^{xv} ———

here a^{i}, a^{ii}, &c. represent the deviations of the centre wire from the meridian in seconds of space.

POLARIS. S. P.

1834	Observed Transit.	Clock Error.	Aberration &c.	Correction for Level.	Correction for Collimation.	Mean Right Ascension January 1, 1834.
	h. m. s.	*s.*	*s*	*s.*	*s.*	*h. m. s.*
Jan. 1	12 59 53,29	0,44,06	— 1,96	— 3,85	+ ,50	13 0 32,04 — a × 2,370
2	12 59 54,47	0,46.03	— 1,15	3,85	,50	35,97 — a^{i} ——
3	12 59 50,43	0,48,53	— 0,34	3,85	,50	35,24 — a^{ii} ——
5	12 59 40,29	0,54,38	+ 1,22	3,85	,50	32,54 — a^{iv} ——
12	12 59 14,86	1,12,52	+ 6.83	3,93	,62	33,90 — a^{xi} ——
13	12 59 11,48	1,15,17	+ 7,63	3,93	,62	30,97 — a^{xii} ——
14	12 59 7,43	1,17,95	+ 8,43	3,93	,62	30,54 — a^{xiii} ——
15	12 59 5,09	1,20,85	+ 9,23	3,93	,62	31,86 — a^{xiv} ——

If we put for the azimuth of the North and South marks from the meridian the letters — N and + S respectively; + signifying east deviation and — west deviation, and if — n and + s represent the deviation of the marks from the centre wire of the Transit Instrument; the error in azimuth or $a = \frac{s-n}{2} - \frac{S-N}{2}$ and for any other azimuth $a' = \frac{s'-n'}{2} - \frac{S-N}{2}$ &c.

If for s, s', n, n' &c. we employ the numbers read off at page 30, (when corrected for the error of collimation affecting them) we determine the errors in azimuth as follows:

				"	
January	1	——	a	= 47,60 —	$\frac{S-N}{2}$
	2	——	a^{i}	= 47,32 —	——
	3	——	a^{ii}	= 46,78 —	——
	4	——	a^{iii}	= 46,57 —	——
	5	——	a^{iv}	= 46,60 —	——
	6	——	a^{v}	= 46,97 —	——
	7	——	a^{vi}	= 47,08 —	——
	10	——	a^{vii}	= 47,18 —	——
	11	——	a^{viii}	= 47,40 —	——
	12	——	a^{ix}	= 47,01 —	——
	13	——	a^{x}	= 46,73 —	——
	14	——	a^{xi}	= 46,81 —	——
	15	——	a^{xii}	= 47,05 —	——
	16	——	a^{xiii}	= 47,14 —	——

employing these values with the observations above, we have.

MEAN A. R. OF POLARIS, JAN. 1, 1834.

From observrtions at the Superior culmination. *From obser vations at the Inferior culmination.*

$$h.\ m.\ s.\quad '' \qquad\qquad h.\ m.\ s.\quad ''$$
$$1\ 0\ 35{,}95 + \left(46{,}97 - \frac{S-N}{2}\right) \times 2{,}334 = 13\ 0\ 32{,}88 - \left(46{,}99 - \frac{S-N}{2}\right) \times 2{,}370$$

$\therefore \frac{S-N}{2} = 47'',63$ whereas from about double the number of observations here employed, towards the end of 1833 we found $\frac{S-N}{2} = 46'',33$ giving to these results their proper weight, we find $S - N = 93'',52$ which has accordingly been employed in computing the azimuth corrections for 1834.

During the year 1835 I was unable to get any observations above and below the pole fitted to the purpose of verifying the above result, but the observations of January 1836 which will appear in a future volume seem to justify the employment of the above value of S — N for the reduction of the observations for 1835; consequently the Error of Azimuth for 1834 and 1835 which has been applied to each observation is expressed by

$$\frac{93'',52 - \overline{N-S}}{2} \times \frac{\text{sin Z. Distance.}}{15 \text{ cos. Declination.}}$$

1834	N — S	$\frac{93,52 - (N-S)}{2}$	Remarks, &c.	1834	N — S	$\frac{93,52 - (N-S)}{2}$	Remarks, &c.
	"	"			"	"	
Jan. 1	95,20	+ 0,84		23	93,75	+ 0,11	
2	94,65	+ 0,56		24	93,43	— 0,04	
3	93,48	— 0,02		25	92,69	— 0,41	
4	93,14	— 0,19		26	93,31	— 0,10	
5	93,20	— 0,16		27	94,27	+ 0,38	
6	93,95	+ 0,21		28	93,78	+ 0,13	
7	94,16	0,32		29	93,02	— 0,25	
9	94,41	0,45		30	93,33	— 0,10	
8	94,61	0,54		31	92,40	— 0,56	
10	94,37	0,42		Feb. 1	92,86	— 0,33	
11	94,81	0,65		2	92,69	— 0,41	
12	94,02	+ 0,25		3	92,67	— 0,42	
13	93,47	— 0,02		4	92,81	— 0,36	
14	93,61	+ 0,04		5	92,86	— 0,33	
15	94,09	+ 0,28		6	93,20	— 0,16	
16	94,29	+ 0,38		7	93,90	— 0,31	
17	93,16	— 0,18		8	93,68	— 0,42	
18	92,52	— 0,50		9	93,48	— 0,02	I took the Instrument down to fit it into a packing case.
19	92,64	— 0,44		10	93,43	— 0,04	
20	92,99	— 0,26		11	93,92	+ 0,20	
21	93,16	— 0,18		12	93,78	+ 0,08	
22	93,31	— 0,10		13	93,56	+ 0,02	

1834	N — S	$\frac{93,52 - (N - S)}{2}$	REMARKS &c
	"	"	
Feb. 14	93,41	— 0,05	
15	93,96	+ 0,22	
16	93,67	+ 0,07	
17	93,78	+ 0,13	
18	93,87	+ 0,17	
19	93,03	— 0,24	
20	93,40	— 0,06	
21	93,20	— 0,16	
22	93,65	+ 0,06	
23	92,92	— 0,30	
24	93,16	— 0,18	
25	92,72	— 0,40	
26	93,06	— 0,23	
27	93,50	— 0,01	
28	93,91	+ 0,20	
Mar. 1	93,91	+ 0,20	
2	93,54	+ 0,01	
3	93,50	— 0,01	
4	92,99	— 0,26	
5	93,13	— 0,19	The Instrument was sent to Calcutta for repairs
1835			
Feb. 6	93,30	— 0,11	
9	90,90	— 1,31	Inverted the axis.
11	87,48	— 3,02	Do. Do.
12	88,33	2,59	Do. Do.
13	89,15	2,18	Do. Do.
14	90,76	1,38	
15	90,66	1,43	
16	89,96	1,78	Do. Do.
17	89,27	2,12	
18	90,05	1,73	Do. Do.
19	89,79	1,86	
20	88,94	2,29	Do. Do.
21	88,68	2,42	Do. Do.
22	89,36	2,08	
23	88,94	2,29	Do. Do.
24	89,28	2,12	
25	85,94	3,79	Do. Do.
26	87,38	3,07	
27	89,19	2,16	Do. Do.
Mar. 1	90,22	1,65	
2	90,49	1,51	Do. Do.
3	90,45	1,53	Do. Do.
4	92,70	— 0,41	Do. Do.
5	91,69	0,91	Do. Do.
6	91,69	0,91	
7	92,29	0,62	
8	92,46	0,53	
9	92,80	0,36	Do. Do.
10	91,94	0,79	

1835	N — S	$\frac{93,52 - (N - S)}{2}$	REMARKS &c
	"	"	
Mar. 11	92,21	— 0,65	
12	92,37	0,57	
13	92,37	0,57	
14	92,52	0,50	Mean 0,62
15	92,63	— 0,45	
16	93,17	— 0,17	
17	93,74	+ 0,11	
18	93,56	+ 0,02	
19	93,57	+ 0,02	
20	93,15	— 0,18	
21	93,94	+ 0,21	Inverted the axis.
22	93,32	— 0,10	
23	92,23	— 0,65	
24	93,03	— 0,25	
25	93,23	— 0,15	
26	93,04	— 0,24	Do. Do.
27	93,27	— 0,12	
28	93,57	+ 0,02	
29	94,11	+ 0,30	
30	93,98	+ 0,23	
31	93,99	+ 0,24	Inverting the axis appears to have altered the Collimation.
April 4	92,47	— 0,52	
5	93,46	— 0,03	
6	93,63	+ 0,05	
7	93,39	— 0,06	
8	93,92	+ 0,20	
9	94,07	+ 0,28	
10	94,19	+ 0,33	
11	94,57	+ 0,52	
12	94,78	+ 0,63	
13	94,57	+ 0,52	
14	93,43	— 0,04	
15	93,92	+ 0,20	
16	94,20	0,34	
17	94,67	0,57	
18	94,78	0,63	
19	94,06	0,27	
20	93,91	0,20	Mean +0″,09
21	95,67	1,07	
22	96,09	1,28	
24	95,04	0,76	
25	95,52	1,00	
26	95,42	0,95	
27	94,77	0,62	
28	94,84	0,66	
29	95,35	0,91	
30	95,25	0,86	
May 1	94,40	0,44	
2	94,34	0,41	

1835		N — S	$\frac{93,52 - (N - S)}{2}$	REMARKS &c
		"	"	
May	3	94,57	+ 0,52	
	4	95,01	0,75	
	5	96,21	1,35	
	6	95,76	1,12	
	7	95,69	1,08	
	8	95,16	0,82	
	9	95,04	0,76	
	10	94,60	0,54	
	11	94,40	0,44	
	12	94,60	0,54	Mean +0″,80
	13	94,05	+ 0,27	
	14	93,97	0,22	
	15	94,54	0,51	
	16	94,27	+ 0,37	Mean +0″,34
	17	93,40	— 0,06	Hot land winds
	18	93,51	0,00	set in.
	19	93,19	— 0,16	
	20	92,55	0,48	
	21	92,45	0,53	
	22	92,59	0,47	
	23	93,22	0,15	
	24	92,81	0,35	
	25	93,29	0,11	
	26	92,94	0,29	
	27	93,40	0,06	
	28	92,58	0,47	
	29	92,30	0,61	
	31	93,36	— 0,08	
June	1	93,88	+ 0,18	
	2	93,40	— 0,06	
	3	93,37	— 0,07	
	4	93,75	+ 0,11	
	5	93,75	0,11	
	6	94,20	0,34	
	7	94,64	0,56	
	8	94,20	0,34	
	9	94,06	0,27	
	10	94,43	0,46	
	11	94,67	0,57	
	12	94,40	0,44	
	13	93,89	0,18	
	15	93,59	0,03	
	17	93,81	0,15	
	18	94,15	+ 0,31	
	21	93,39	— 0,06	
	22	93,07	— 0,22	
	23	93,88	+ 0,18	
	24	94,22	+ 0,35	Mean +0″,01

1835		N — S	$\frac{93,52 - (N - S)}{2}$	REMARKS &c
		"	"	
June	25	92,72	— 0,40	
	26	92,06	0,73	
	27	91,75	0,88	
	28	92,46	0,53	
	29	91,79	0,86	
	30	91,85	0,83	
July	1	91,86	0,83	
	2	91,92	0,80	
	3	91,64	0,94	
	4	91,20	1,16	
	5	91,92	0,80	
	6	92,00	0,76	
	7	91,96	0,78	
	8	91,75	0,88	
	9	91,88	0,82	
	10	92,06	0,72	
	11	92,13	0,69	
	12	92,44	0,54	
	13	92,39	0,56	
	14	92,38	0,57	
	15	92,53	0,49	
	16	92,09	0,71	
	17	92,27	0,62	
	18	92,55	0,48	
	19	92,36	0,58	
	20	92,35	0,58	
	21	92,49	0,51	
	23	92,44	0,54	
	24	92,72	0,40	Mean —0″,67
	25	93,03	— 0,24	
	26	93,27	0,12	
	27	93,12	0,20	
	28	93,23	0,14	
	29	93,61	+ 0,04	
	30	93,74	+ 0,11	
	31	93,16	— 0,18	
Aug.	1	93,63	+ 0,05	
	2	93,66	+ 0,07	
	3	93,64	+ 0,06	
	4	93,47	— 0,02	
	5	93,26	0,12	
	6	93,11	0,20	
	7	92,98	0,27	
	8	93,45	0,03	
	9	93,36	0,08	
	10	93,27	0,12	
	11	93,26	0,13	
	12	93,53	0,00	
	13	94,13	+ 0,30	
	14	93,56	+ 0,02	

1835	N — S	$\frac{93,52 - (N - S)}{2}$	REMARKS &c
	"	"	
Aug. 15	93,63	+ 0,05	
16	93,47	— 0,02	
17	93,25	— 0,13	
18	94,05	+ 0,26	
19	93,90	+ 0,19	
20	94,16	+ 0,32	
21	93,29	— 0,11	
22	93,56	+ 0,02	
24	93,47	— 0,02	
31	93,72	+ 0,10	
Sep. 1	93,73	+ 0,10	
2	93,46	— 0,03	
3	93,71	+ 0,09	
4	93,89	+ 0,18	
5	93,45	— 0,03	
6	94,15	+ 0,31	
7	94,43	0,45	
8	94,44	0,46	
9	94,50	0,49	
10	94,48	0,48	
11	94,30	0,39	
12	94,37	0,42	Mean+0″,06
14	94,91	+ 0,69	
15	95,43	0,95	
16	95,68	1,08	
17	94,88	0,68	
18	94,92	0,70	
19	94,91	0,69	
20	94,75	0,61	
21	94,75	0,61	
24	94,65	0,56	
25	94,82	0,65	
26	94,99	0,73	
27	95,63	1,05	
29	95,19	0,83	
30	94,69	0,58	
Oct. 1	95,84	1,16	
2	94,50	0,49	
3	95,54	1,01	
4	93,71	0,09	
5	93,54	0,01	
6	96,56	1,52	
8	95,82	1,15	
9	95,09	0,78	
10	95,71	1,09	
12	96,02	1,25	
13	96,40	1,44	
14	94,92	0,70	
16	94,32	0,40	

1835	N — S	$\frac{93,52 - (N - S)}{2}$	REMARKS &c
	"	"	
Oct. 17	93,65	+ 0,06	Mean+0″,77
18	93,53	0,00	
19	93,03	— 0,24	
21	91,71	0,90	
22	92,41	0,55	
23	91,85	0,83	
24	91,81	0,85	
26	92,29	0,61	
27	93,36	0,08	
28	92,16	0,68	
29	91,77	0,87	
Nov. 1	92,36	0,58	
2	91,96	0,78	
3	91,78	0,87	
4	91,30	1,11	
5	91,43	1,04	
6	91,06	1,23	Mean—0″,70
16	86,82	3,35	Trees obscured.
17	85,09	4,21	
18	85,55	3,98	
19	85,70	3,91	
21	85,86	3,83	
22	85,69	3,91	
23	85,41	4,05	
24	84,73	4,39	
25	85,41	4,05	
26	85,24	4,14	
27	85,21	4,15	
28	85,38	4,07	
29	85,14	4,19	
30	85,62	3,95	
Dec. 2	85,41	4,05	
3	85,35	4,08	
4	85,58	3,97	
5	85,69	3,91	
6	85,55	3,98	
11	85,41	4,05	
12	85,17	4,17	
14	85,10	4,21	
15	85,58	3,97	
18	85,46	4,02	Mean—4″,02
25	84,55	*4,48	A New set of wires put in
26	82,51	5,50	
27	82,66	5,43	
28	82,90	5,31	
29	82,87	5,32	
30	82,52	5,50	
31	82,46	5,53	Mean—5″,43

* Omitted in taking the Mean.

1834	From Observations of the Sun.	From Observations of the Stars.	Remarks.
	s.	s.	
Jan. 2		— 2,00	
3		2,53	
4		2,78	
5	— 2,76	2,89	
6	2,87	2,86	
7	2,53	2,85	
8	3,29	3,12	
10	2,69	2,50	
11	2,03	2,00	
12	2,60	2,35	
13		2,63	
15	3,00	2,88	
16	2,30	———	The Clock stopt several seconds in winding.
17		3,47	
18	1,64	1,46	
19	1,47	1,95	
20	1,80	1,66	
21	2,31	———	
22	2,81	2,19	
23	2,27	2,38	
24	2,66	2,24	
25	1,63	1,90	
26	2,78	2,84	
27	2,56	2,86	
28	3,21	3,92	
29	4,28	3,64	
30		4,06	
31		2,81	
Feb. 1	1,19	———	The Clock stopt several seconds in winding.
3	— 0,16	— 0,20	
4	+ 1,99	+ 3,10	
5	+ 3,24	3,25	
6		4,76	
7		7,43	
8	+ 9,19	9,82	
9	+ 8,55	9,35	
10		10,27	Took down the transit and cleaned the Clock—the increased rate had arisen from a spider having attached 2 or 3 lines to the Pendulum.
14		+ 0,64	
15		+ 0,08	
16	+ 0,27	———	
17	— 0,51	— 0,55	
18		0,56	
19		2,26	Wound up the Clock
20	— 3,34	3,75	
21	— 3,14	3,22	
22		3,92	
23		3,00	
24	— 1,93	2,00	

1834	From Observations of the Sun.	From Observations of the Stars.	Remarks.
	s.	s.	
Feb. 25	— 2,22	— 2,72	
26	— 3,26	2,87	
27	— 2,25	1,94	
28	— 1,23	0,90	
Mar. 1	— 0,73	———	The Clock stopt several seconds in winding.
2		0,00	
3	— 0,73	— 0,11	
4		+ 2,50	
1835			
Feb. 1			
2			
3			
4			
5		+ 3,66	
6	+ 3,50	3,57	
7	3,50	3,79	
8	4,20	4,06	
9	4,35	4,10	
10	4,35		I lengthened the Pendulum.
11		1,86	
12	1,24	1,20	
13	1,33	1,46	
14	1,61	1,25	
15	1,52	1,70	
16	1,73	1,68	
17	1,81	1,78	
18	1,76		
19	1,75	1,38	
20	1,07		
21	1,74	1,80	
22	1,97	2,00	
23	1,96	2,14	
24	2,27	0,67	
25	0,54	0,72	
26	0,42	0,78	
27	0,46		
28	0,84	0,51	
Mar. 1	0,70	1,44	
2	1,11	0,63	
3	0,87	1,45	
4	2,03	1,15	
5	1,82	0,75	
6	0,80	1,10	
7	0,78	0,72	
8	0,64	1,57	
9	1,77	1,17	
10	2,48	2,71	
11	1,88	1,48	

1835	From Observations of the Sun.	From Observations of the Stars.	Remarks.
	"	"	
Mar. 12	+ 1,50	+ 0,81	
13	+ 0,37	— 0,49	
14	— 1,15	— 1,40	
15	— 0,12	+ 0,79	
16	+ 0,69	+ 0,17	
17	+ 0,26	— 0,39	
18	+ 0,09	+ 0,50	
19	1,29	0,98	
20	1,16	1,28	
21	0,78	0,55	
22	1,36	1,44	
23	1,46	1,05	
24	1,16	1,49	
25	1,53	1,18	
26	1,20	1,70	
27	1,91	2,73	
28	2,83	2,53	
29	2,39	2,42	
30	2,40	1,63	
31	1,71	2,76	
April 1		2,50	
6	1,70		
7	1,84	1,38	
8	1,12	1,26	
9	1,78	1,97	
10	1,37		
11	1,61	1,74	
12	1,28	1,02	
13	1,81	1,91	
14	2,02	1,87	
15	1,37	1,57	
16	1,66	1,58	
17	1,79	1,67	
18	1,01	1,05	
19	1,55	2,66	
20	2,95	2,83	
21	2,87		
22	2,60	2,31	
23	2,98		
24	2,10		
25	2,60	2,41	
26	2,61	2,64	
27	2,48	2,42	
28	2,82	2,24	
29	1,74	0,80	
30	0,97	1,98	
May 1	0,69	0,99	
2	0,86		

1835	From Observations of the Sun.	From Observations of the Stars.	Remarks.
	"	"	
May 3	+ 1,80	+ 2,44	
4	2,73	1,79	
5	1,53	1,64	
6	1,84	2,68	
7	2,12	2,01	
8	2,08		
9	1,31	0,82	
10		1,57	
11		1,68	
12		1,75	
14	1,62	1,54	
15	1,62	1,47	
16	1,64	1,82	
17	1,82	1,95	
18		2,12	
19	1,82	1,24	
20	1,65	1,61	
21	2,05		
22	1,43		
23		1,03	
24	1,79	2,40	
25	1,87	0,88	
26	1,51	2,04	
27	1,66	1,32	
28	0,71	1,27	
29	2,07	——	
30	2,29	——	
31	1,19	——	
June 1	2,10	——	Cloudy weather Sun only Observed.
2	4,01	——	
3	5,40	——	
4	4,65	——	
5	4,22	——	
7	6,92	——	
8	7,22	7,89	
9	6,58	6,62	
10	7,60	7,30	
14	6,91		
18	5,35		
19	4,98	3,85	
20	3,83	3,83	
21	3,69		
23	4,34		
24	3,85	3,99	
26	5,41		
28		3,33	
29		3,00	
30	2,78	2,72	

1835	From Observations of the Sun.	From Observations of the Stars.	Remarks.
	"	"	
July 1	+ 3,41	+ 3,02	
2	2,82	3,05	
3	3,70	3,51	
4	2,37		
6	2,90	2,86	
7	3,33		
8	3,32		
9	3,76	3,76	
11	3,10		
12	2,90	2,90	
13	2,84		
15	2,24		Wound up the clock
17	4,29	4,30	
18		4,80	
20	4,48	4,35	
24		3,83	
25		4,17	
26	5,02	5,26	
27		5,61	
28	3,74	3,85	
29	4,60		Continued Cloudy weather.
30	3,61		
31	5,10		
Aug. 1	5,54		
2	4,51	5,20	
4	7,36	5,92	The Clock tript 3 or 4 seconds.
5	4,87	5,26	
6	6,07	5,85	
7	5,80	5,54	
14		4,80	
27	5,59	4,65	Cloudy weather.
28	4,98	5,09	
29	6,12		
30	7,87		
31	7,99		I cleaned the Clock.
Sep. 1	2,77	2,60	
2	2,82	2,65	
3	3,29		
4	3,27	2,75	
5	5,86		
6	4,17	5,35	
7	3,84		
8	2,94		
9	2,87		
13	2,66	2,40	Wound up the Clock
15	2,71	2,92	
16	2,41		
17	1,32	1,07	
18	1,15	1,27	

1835	From Observations of the Sun.	From Observations of the Stars.	Remarks.
	"	"	
Sep. 20		+ 1,74	
21	+ 2,84	2,65	
22	2,84		
23			
24	2,99	3,34	
25	3,07	2,53	
26	2,29	2,87	
27	3,08	2,78	
28	2,67	2,18	
29		2,24	
30	2,39		
Oct. 4		1,85	
5		1,57	
9	2,30		
10	2,31	2,79	
11	2,74		
12	2,62	2,68	
13	2,76	2,85	
14	2,75		
15	2,36		
16	3,58		Wound up the clock
17		4,10	
18	4,52	4,59	
19	4,70	4,73	
20	4,79	4,58	
21		5,04	
22	4,67	4,30	
23	3,58	3,73	
24	4,20	4,44	
25		4,14	
26	4,17	4,39	
27	3,60	3,71	
Nov. 5		2,37	Wound up the clock
6		2,70	
7	3,03	2,77	
8	3,61	3,10	
9	3,31	3,25	
10	3,14		
12	2,49	2,80	
13	1,86		
16	1,59	1,20	
17		1,16	
18	0,84	0,97	
19	0,92		
20		1,14	
21	0,40		
23	+ 0,01	0,00	
24	— 0,17	— 0,04	
25	+ 0,01		

1835	From Observations of the		REMARKS.	1835	From Observations of the		REMARKS.
	Sun.	Stars.			Sun.	Stars.	
	"	"			"	"	
Nov. 26	— 0,01	+ 0,24		Dec. 16	+ 0,34		
27	+ 0,51	0,66		17		+ 0,95	
28	— 0,07	0,20		18	1,12		
Dec. 2			Wound up the clock	19		1,87	
3	+ 2,96	2,89		20	2,28	2,68	
4	+ 1,83	1,57		21	3,31	3,10	
5		2,01		22	2,51	2,69	
8				23	2,56	2,53	
9	+ 1,19			24	2,60	3,02	
10	+ 1,12	0,84		25	2,89	2,57	
11	+ 0,92	0,91		26	2,39	1,73	
12		0,48		27		1,39	
13	+ 0,54	0,18		29		0,80	
14		0,16		30	0,66	1,27	
15	+ 0,20	0,20		31	1,67	1,48	

N. B.—The Clock is a monthly one, but requires winding every 27 days by reason of the chord supporting the weight not being long enough—I have generally wound it up on the 1st and 16th in each month.

METEOROLOGICAL INSTRUMENTS EMPLOYED.

The Barometer employed in 1834 and up to the middlle of August 1835 was No 3 by Gilbert, which with No 6 by the same maker had been selected by myself in 1833 from several which were supplied to the office of the Surveyor General of India at Calcutta;—I was led to give a preference to these two from the circumstance of their having been constructed with great care as standards, and from the fact that they agreed very nearly with Colonel Blacker's Standard Barometer (which had been constructed with very great attention by Troughton,) and with two by other makers—No 3 differing from the mean of the five standards by + ,001; and No 6 by + ,006 when corrected for capilliary action—Hence the Barometrical indications as set down during the above period require the correction due to capilliary action only, viz + ,027 Inches (corresponding to a bore of 0,31 Inches—after the 14th of August 1835 by reason of an air bubble having insinuated itself into the tube I have employed the Standard No 6, to which (having a bore of 0,22 inches) the corrections + 0,051 — ,006 or + 0,045 inches is necessary.

The Thermometers employed are, for the out doors, one by Troughton which I had selected from several in the office of the Surveyor General at Calcutta as agreeing with the Standard A by Troughton—the latter having been very carefully compared by myself when in England with the Royal Society's Standard. The inn door Thermometer (by Jones) is one which I met with at Madras and differs insensibly from that employed without:—The position chosen for the inn door Thermometer is about one foot above the Pier supporting the circle, and for the out door, the verandah of the observatory:—the Meteorological registries are made at intervals of about one hour during the times of observation, in which period *at Madras* the variations seldom exceed one hundred of an inch in the Barometer and one degree of the Thermometer.

OF THE MURAL CIRCLE.

The diameter of the circle is 4 feet, and the focal length of the Telescope 4 feet 1 inch, with a clear aperture of $3\frac{3}{4}$ inches; the divisions are most beautifully cut upon a slip of gold let into the outer surface of the circle to every five minutes of a degree; for the subdivision of these there are four micrometers attached to the stone pier which supports the circle, from which the odd minutes, seconds, and tenths are read off at each observation—with a bad light and a careless observer, an error of *three* or even *four* seconds may sometimes be committed in reading off a single microscope, but with the ordinary care which is bestowed, an error of half of this amount seldom occurs. The magnifying power employed for the telescope is about 130 or 140, and for the microscopes about 12. The circle is supplied with one horizontal and five vertical fixed wires, and one horizontal moveable (micrometer) wire &c. &c. see Vol. I. During the five years that this instrument has been employed, nothing has occurred for a moment to interrupt its use save about once in a year when it has been found necessary to take out the axis to clean it and apply fresh oil, or when for the purpose of experiment it has otherwise been disturbed; on these occasions a few transits have been observed in conjunction with the transit instrument to verify the horizontality of the axis, the line of Collimation, and the position of the telescope with regard to the meridian; should any deviation of consequence appear, it has immediately been rectified—this at least is true with regard to Level Collimation and Azimuth—one adjustment however (that of the horizontal wire at right angles to the meridian) has by reason of

the stiffness of the adjustment screw, not been attempted; but the practice of making the bisection when the star or planet is upon the meridian, renders this a matter of no importance whatever—with regard to the actual state of the instrument—from a late very careful examination (in the month of January 1836 when I had occasion to take out the axis to clean it and apply fresh oil) I am enabled to state, that it is in every respect as efficient as when it was first erected.

OBSERVATIONS MADE WITH THE MURAL CIRCLE.

In the observations of 1834 and 1835. the Mural Circle, as heretofore—has been employed in the measurement of *North Polar Distance,* and the zero point of the divisions not having been altered, the same set of Divisions (or nearly so) has fallen to each particular Star as was employed for the three previous years.

In the determination of the Index Error in the years 1831—1833 it will be recollected that the Greenwich Catalogue of 720 Starsfor 1830 was employed, and on inspecting the results Vol. II. it will be seen that during each of these three years the places of several of the fixed Stars differed considerably from the Greenwich Places;—to avoid any error which might hence arise from the use of the one result or the other, I have on the present occasion employed those Stars only for the determination of the Index Error whose places differ less than two seconds from the Greenwich Catalogue; and, finding that the Madras Catalogue (Vol. II.) affords much more accordant results (as must of necessity be the case) than the Greenwich Catalogue; I have given to it the preference in the computation of the Index Error:—As a check upon the results thus obtained and with a view eventually of determining the Index Error without the aid of any Catalogue—on the 10th August 1834 I applied the Collimation eye piece described at page 6 (which it will be perceived is equally applicable to the Circle or Transit) and have since that time regularly registered the readings at various hours during the day with a view to obtaining more accurate results than could be expected from a single observation; the necessity of repeating the measurement was suggested to me by finding a discordance among the results which could not arise from error in making the bisection of the reflected image of the wire, or of the Stars employed, or from error in the catalogue

from which the Astronomical determination was obtained,—the amount of discordance observed was about three seconds of space, which, after registering the results for several days at every hour of the day with two microscopes and taking the mean, has led me to the conclusion that the discrepancywas due alone to accidental difference of temperature at different parts of the circle combined with the otherwise unavoidable error in the readings; having come to this conclusion, I have lately (since January 1835) adopted the hours of Noon, 6h. 8h. 12h. and 18h. hour of each day as the times most convenient for reading off the Index Error by the Circle reflecting Collimator; and in the table which now follows, the mean of the determinations from the four miscroscopes at these times is given; in a few cases however (during rainy or cloudy weather) the observation at midnight has been omitted or 4 observations only have been made as indicated in the column "No obs."—The observation consists of bringing the horizontal wire to cover its reflected image, when the reading of the Circle gives 180° + co-latitude + Index Error, (for the present I have assumed the Latitude to be 13.° 4.′ 8″,50 a result which cannot be half a second in error) or 256.° 55.′ 51″,50 + I. Error:—the Index Error thus determined, or that from the comparison of the observed places of the principal stars with their *known places* from some good catalogue, would be accurate and satisfactory enough in the present state of practical Astronomy, were it not, that so late as 1833, Professor Airy had noticed that the observations at low attitudes towards the North and South required a different Correction for Index Error from those made near to the zenith; the effect being such as would result from a bending down of the object glass of the Circle Telescope;—this at least was true with respect to the Cambridge Mural Circle; and from the circumstance that the observations of the Sun at the Summer and Winter Solstices by various other instruments gave results for the obliquity of the ecliptic, at variance with themselves, and that too in a direction which could be explained upon the hypothesis that the Index Error was in a manner dependant upon or a function of the Altitude at which the observation was made—upon these grounds Professor Airy was led to conclude that the discrepancy or rather the variation above noticed existed more or less in every Instrument. On the receipt of the Cambridge observations for 1833 I immediately set to work to discover if any discordance of the nature just mentioned existed in the results derived from the Madras Mural Circle,—on inspecting the reflection observations made in 1831 no discordance whatever appeared to exist between the zenith point determined from stars observed near to the zenith, and that from stars situated at low altitudes; but as the observations in question did not offer observations below 40° of altitude they could not safely be allowed to

decide the point—thus circumstanced I had selected a catalogue of *high* and *low* stars and made two or three preliminary observations when it occurred to me that if two distant objects could be obtained at exactly 180° apart, situated in the North and South Horizons—the circle failing to measure their distance *exactly* 180° would be conclusive of the bending down of the object glass or (which will explain it equally well) of flexure in the horizontal wire; —to obtain these marks at *exactly* 180° apart and in the position required, I directed the Circle Telescope to the North horizon and opposite to it, (in the window sill of the Observatory) placed a 46-inch telescope by Dollond with its object glass presented to that of the circle telescope, and its whole length disposed in a right line with it;—turning the circle through 180° to the South horizon, I, in a similar way disposed another telescope (Dollond's 5 feet)— into the focus of the 46 telescope I had fitted a pair of cross lines, and the 5 feet telescope was supplied with a double wire micrometer—matters thus arranged, I took out the circle eye piece and slide, and unscrewed the object glass, leaving a clear aperture of two inches through the circle telescope, by which means, with the assistance of the micrometer wire I was enabled to adjust the line of collimation of the 5 feet telescope to parallelism with that of the 46-inch placed in the opposite window, this done I replaced the eye piece, screwed in the object glass and immediately measured the angular distance between the telescopes; to guard against movement of the telescopes, the observation was not considered complete till the object glass of the circle telescope had again been removed and the parellelism of the two other telescopes again examined, but the telescopes having been very securely fixed no movement whatever was detected during the time of making the observations (about three hours) the several measures of the Distance between these telescopes were as follows—

Measurement of the angular Distance between a pair of cross lines fitted into the focus of Dollond's 46 *Inch Achromatic and a horizontal line similarly placed in the* 5 *feet Achromatic (the line of collimation of these two telescopes having been adjusted to parallelism) on the* 16*th January* 1834 *at* 6*h. A. M.*

		°	′	″
1st.	Measure of the arc *per zen*.....	180	0	1,47
2d.	——— ———	180	0	0,08
3d.	——— ———	179	59	59,93
4th.	——— ———	179	59	59,97
5th.	——— ———	179	59	59,27

			°	′	″
6th.	———	———	180	0	0,49
7th.	———	———	180	0	1,14
8th.	———	———	180	0	0,70

Taking the mean (180° 0′ 0″,38) it appears that a discrepancy of 0″,19 exist in a *contrary direction* to that noticed by Professor Airy—had the observations been sufficiently numerous this too would probably have disappeared, at any rate there can be no reason to suppose that the Index Error of the Madras Mural Circle is variable at different altitudes by reason of insecurity in the object glass or of flexure in the horizontal wire.

Index Error of the Madras Mural Circle for the years 1834 *and* 1835.

Date.	No. of Observations.	Index Error.	Mean.	Remarks.	Date.	No. of Observations.	Index Error.	Mean.	Remarks.
1834		′ ″	′ ″		1834		′ ″	′ ″	
Jan. 1	3	— 1 29,35			Feb. 6	8	— 1 30,72		
2	8	1 28,37			7	9	1 31,03		
3	9	1 28,61			9	13	1 31,36		
4	7	1 29,47			10	11	1 31,43	1 31,22	
5	8	1 28,92			11	7	1 31,62		
7	7	1 28,27			12	7	1 31,65		
10	12	1 29,37			13	8	1 30,74		
11	7	1 29,90		I took out the object glass and replaced it.	14	11	1 30,42		
14	10	1 30,40			16	10	1 30,52		
16	12	1 29,77			17	11	1 30,58		
17	8	1 30,39			18	10	1 31,61		
18	7	1 30,40			19	9	1 30,54	1 30,54	
19	9	1 31,11			20	10	1 31,06		
20	9	1 30,73			21	10	1 30,42		
21	9	1 30,52	1 30,77		22	7	1 30,07		
22	7	1 31,01			23	11	1 30,14		
23	7	1 30,88			24	7	1 30,04		
24	7	1 31,04			25	7	1 29,83		
25	7	1 30,84			26	7	1 30,35		
26	9	1 31,22			27	8	1 29,99		
27	7	1 31,24			28	8	1 30,00		
28	9	1 31,73			Mar. 1	8	1 29,74	1 30,23	
29	11	1 30,94			3	12	1 30,25		
30	9	1 31,61	1 31,22		4	8	1 30,48		
31	7	1 31,18			5	9	1 30,01		
Feb. 1	7	1 30,76			6	10	1 30,66		
2	8	1 31,16			7	9	1 30,99		
3	7	1 31,14			8				
5	10	1 31,28			9	9	1 30,97		

Date.	No. of Observations.	Index Error.	Mean.	Remarks.
1834		′ ″	′ ″	
Mar. 10	6	— 1 30,81		
11	8	1 30,73		
12	8	1 30,86		
13	8	1 30,70		
14	8	1 30,04	1 30,52	
15	6	1 29,98		
17	11	1 30,24		
18	8	1 30,41		
19	8	1 30,46		
22	8	1 29,03		
23	7	1 29,93		
24	6	1 30,23		
25	7	1 30,44		
26	7	1 30,67	1 29,89	
27	7	1 29,92		
28	6	1 29,58		
31	8	1 29,36		
April 6	7	1 27,31		
8	11	1 27,87	1 27,54	
10	8	1 27,37		
13	11	1 27,61		
14	5	1 28,09		
15	8	1 28,56		
17	7	1 27,78		
19	9	1 27,79		
21	6	1 28,90		
23	6	1 28,39	1 28,10	
25	10	1 28,19		
27	10	1 27,80		
28	5	1 27,66		
29	7	1 27,89		

Date.	No. of Observations.	Index Error.	Mean.	Remarks.
1834		′ ″	′ ″	
April 30	6	— 1 26,99		This embraces the period during which the last land winds blow.
May 1	6	1 27,07		
2 & 3	11	1 26,81		
4 & 5	9	1 26,74		
6 & 7	10	1 28,93		
8 & 9	10	1 29,54		
10--13	12	1 30,01		
17	10	1 28,55		
18	6	1 30,05		
19	9	1 28,28		
21	10	1 28,57		
24	8	1 28,61		
25	8	1 26,22		
26	8	1 28,46		
27	8	1 28,35		
29	10	1 27,74		
June 3	8	1 27,37		
5	11	1 28,21		
7	10	1 28,36		
9	11	1 26,84		
23 & 24	12	1 25,80		
26	9	1 25,69	1 25,60	
July 2	6	1 25,62		
3	8	1 25,30		
4 & 6	9	1 23,87		
7 — 9	9	1 23,56		
10—12	12	1 22,26		
13—18	9	1 22,25	1 22,29	
Aug. 2	8	1 22,17		
4 — 7	8	1 22,49		

Date.	No. of Observations.	Index Error by Stars.	No. of Observations.	Index Error by Reflecting Collimator.	Difference.	Remarks.
1834		′ ″		′ ″		
August 9	5	— 1 23,45				
10	7	17,59				
11	8	21,08	1	— 1 19,30		
12			1	20,00		
13			1	20,40		
14			1	19,75		
15	8	20,99	1	20,37		
16			1	20,67		
17			1	20,28		
18			1	19,22		

Date.	No. of Observations.	Index Error by Stars.	No. of Observations.	Index Error by Reflecting Collimator.	Difference.	Remarks.
1834		′ ″		′ ″	″	
August 19				— 1 19,72		
20				19,97		
21				20,17		
22				21,00		
23	8	— 1 19,59			+ 0,43	
24				20,12		
25						
26				19,17		
27				19,15		
28				18,37		
29						Continued Cloudy weather.
30				19,70		
31				19,65		
Sept. 8				— 2 17,92		I unclamped the Circle.
9				18,28		
11				16,55		
13				16,20		
15	10	— 2 18,23		16,42	— 0,57	
16				19,82		
17				19,30		
18				18,70		
19	5	19,39		18,22		
20	6	19,88		20,30		
22	8	20,43		19,30		
23	9	19,36		19,10		
24				19,58		
25	8	20,52		18,49		
26				18,30		
27	7	20,25		18,40		
28	8	20,75		18,87		
29						
30				18,70		
October 1				19,32		
3				21,10		
4	7	22,37				
5				22,67		
6	10	24,25		22,02		
7						
9				21,70		
10				22,60		
15				21,58		
16	7	22,96		22,40		
17				21,00		
18	6	22,67				
19	6	22,88		22,25		
20	8	23,75				
21						
22	11	24,89		24,67		
23						

One observation only at 8h P. M.

Date.	No. of Observations.	Index Error by Stars.	No. of Observations.	Index Error by Reflecting Collimator.	Difference.	REMARKS.
1834		′ ″		′ ″		
Oct. 24						
25	11	— 2 24,25				
26	7	24,29				
27						
28	10	24,44		— 2 25,20		
29				22,52		
30	10	25,25				
31				24,45		
Nov. 1						
2						
3	10	24,50				
4						
5						
6	10	24,62				
7				22,32		
8	11	25,43		23,82		
9				26,00		
10				25,15		
11	9	24,72		———		
12				24,62		
13				23,90		
14	12	25,78				
15				26,95		
16	11	26,65		25,52		
17				25,17		
18				26,35		
19	9	26,15		25,75		
20				25,35		
21				23,42		
22				26,05		
23				24,02		
24				25,42		
25				23,80		
26				———		
27						
28	14	24,64		23,72		
Dec. 1				23,22		
2	12	25,39		24,00		
3				23,77		
4				23,87		
5				22,52		
6	12	25,39		24,37		
7				24,32		
8				24,77		
9	13	25,19		22,77		
10	9	26,14		25,05		
11	8	27,13		24,55		
12	8	27,17		24,52		
13	7	27,52		25,20		
				24,28		

One Observation only at 8h P. M.

Date.	No. of Observations.	Index Error by Stars.	No. of Observations.	Index Error by Reflecting Collimator.	Difference.	REMARKS.
1834		′ ″		′ ″	″	
Dec. 14	9	— 2 27,10		— 2 25,45		
15	9	27,29		25,37		
16				25,45		
17	22	27,36		25,28		
18				25,47		
19	17	28,32		25,37		
20	11	28,03		26,02		
21	11	28,15		26,62		
22	10	28,08		26,58		
23	16	28,55		27,55		
24	12	28,51		27,58		
25	14	27,95		25,67		
26	17	28,21		26,12		
27	11	27,88		25,50		
28	15	28,27		25,22		
29	13	28,23		25,85		
30	28	28,25	One Observation only at 8h P. M.	26,12		
31	18	28,19		28,45		
1835						
January 1	20	28,45	3	27,25		
2						
3	17	29,28	1	27,52		
4	15	28,25	1	26,15		
5	18	28,58	1	26,07		
6	22	28,42	1	28,58		
7	8	28,74	1	26,67		
8	8	28,32	1	28,62		
9			1	27,65		
10	14	29,00	1	27,37		
11			1	26,62		
12			1	26,50		
13	8	29,22	1	27,45		
14	11	30,22	1	27,37		
15			1	28,17		
16	12	30,34	1	27,35		
17			1	28,70		
18	6	30,49	1	29,45		
19	7	27,43	1	26,97		
20	8	27,52	1	25,77		
21	7	27,22	1	27,02		
22	7	27,71	1	25,52		
23			6	27,41	+ 1,51	Omitted in taking the mean.
24			3	27,04	+ 1,14	
25			4	26,58	+ 0,68	
26	9	25,90	5	25,97	+ 0,07	
27			5	26,36	+ 0,46	
28			5	26,12	+ 0,22	
29			5	25,58	— 0,32	

Date.	No. of Observations.	Index Error by Stars.	No. of Observations.	Index Error by Reflecting Collimator.	Difference.	REMARKS.
1835		′ ″		′ ″	″	
Jan. 30	9	— 2 25,90	5	— 2 25,93	+ 0,03	
31	5	26,72	5	25,92	— 0,80	
Feb. 1	12	26,21	5	25,89	— 0,32	
2	10	26,87	5	25,66	— 1,21	
3	10	27,56	5	26,04	— 1,52	
4	11	27,35	5	26,43	— 0,92	
5	7	26,77	5	26,95	+ 0,18	
6	10	26,58	5	26,27	— 0,31	
7			5	26,05	— 0,53	
8	9	27,16	5	26,31	— 0,85	
9	8	27,35	5	26,26	— 1,09	
10	6	25,92	5	26,52	+ 0,60	
11	8	26,31	5	26,68	+ 0,37	
12	11	26,53	5	27,08	+ 0,55	
13	8	26,75	5	27,20	+ 0,45	
14	6	26,68	5	26,66	— 0,02	
15			5	26,05	— 0,63	
16	14	26,55	5	27,07	+ 0,52	
17			5	26,84	+ 0,29	
18	7	26,79	5	26,85	+ 0,30	
19	6	27,32	5	26,46	— 0,33	
20	6	27,39	5	26,57	— 0,75	
21	8	27,73	5	26,69	— 0,70	
22	9	27,45	5	27,83	+ 0,10	
23	7	26,74	5	27,84	+ 0,39	
24	7	26,50	5	26,38	— 0,36	
25	6	27,34	5	27,57	+ 1,07	
26	9	27,10	5	27,13	— 0,21	
27	8	27,54	5	27,34	+ 0,24	
28	9	27,31	5	27,83	+ 0,29	
March 1	9	27,54	5	26,80	— 0,51	
2	9	27,81	5	26,32	— 1,22	
3	5	27,96	5	26,90	— 0,91	
4	10	27,83	5	27,72	— 0,24	
5	9	26,82	5	27,14	— 0,69	
6	10	27,08	5	26,34	— 0,28	
7	10	26,96	5	26,33	— 0,75	
8	12	27,53	5	26,67	— 0,29	
9			5	26,84	— 0,69	
10	9	27,34	5	26,60	— 0,93	
11			5	26,32	— 1,02	
12	8	27,67	5	26,88	— 0,46	
13	8	26,30	5	26,30	— 1,04	
14	6	26,96	5	26,94	— 0,73	
15	7	27,17	5	26,42	+ 0,12	
16	9	27,58	5	26,49	— 0,47	
17	7	28,59	5	26,59	— 0,58	
18				26,82	— 0,76	
19				26,81	— 1,78	Omitted.

Date.	No. of Observations.	Index Error by Stars.	No. of Observations.	Index Error by Reflecting Collimator.	Difference.	Remarks.
1835		′ ″		′ ″	″	
March 20	7	— 2 27,88	5	— 2 26,78	— 1,10	
21	10	26,89	5	26,67	— 0,22	
22	11	27,66	5	26,90	— 0,76	
23	11	27,85	5	26,60	— 1,25	
24	7	27,51	5	26,28	— 1,23	
25	8	27,17	5	26,40	— 0,77	
26	11	27,23	5	26,53	— 0,70	
27	5	26,44	5	26,64	+ 0,20	
28	10	27,71	5	26,59	— 1,12	
29	8	26,96	5	26,68	— 0,28	
30	7	27,52	5	26,75	— 0,77	
31	7	27,13	5	26,14	— 0,99	
April 1	5	27,46	5	26,29	— 1,17	
2			4	26,35		
3			4	25,94		
4			4	25,75		
5			4	25,36		
6	12	26,03	4	25,82	— 0,21	
7			4	25,61	— 0,42	
8	12	26,31	5	26,50	+ 0,19	
9			5	26,16	— 0,15	
10	11	26,99	5	25,98	— 1,01	
11			5	25,62	— 1,37	
12			5	25,58	— 1,41	
13	12	25,80	5	26,05	+ 0,25	
14	15	25,89	5	25,29	— 0,60	
15	11	25,79	5	26,28	+ 0,49	
16	13	26,32	5	25,40	— 0,92	
17	12	26,50	5	26,58	+ 0,08	
18	7	25,42	5	26,81	+ 1,39	
19	7	26,00	5	26,03	+ 0,03	
20	7	26,13	5	25,44	— 0,69	
21	7		2	25,86		
22	7	26,43	4	25,38	— 1,05	
23	5	25,16	4	24,41	— 0,75	
24			5	24,19	— 0,97	
25	10	25,50	5	25,20	— 0,30	
26	10	25,98	5	24,60	— 1,38	
27	8	24,73	4	24,87	+ 0,14	
28			4	24,38	— 0,35	
29	9	24,92	3	25,60	+ 0,68	
30			5	24,64	— 0,28	
May 1	7	24,07	5	22,96	— 1,11	
2	9	24,23	5	23,37	— 0,86	
3	8	23,63	3	23,68	+ 0,05	
4	8	23,91	4	22,75	— 1,16	
5			2	23,03	— 0,88	
6			3	22,95	— 0,96	
7	8	23,51	4	22,98	— 0,53	

Date.	No. of Observations.	Index Error by Stars.	No. of Observations.	Index Error by Reflecting Collimator.	Difference.	REMARKS:
1835		′ ″		′ ″	″	
May 8	8	— 2 23,51	4	— 2 23,19	— 0,32	
9	11	23,65	5	23,42	— 0,23	
10			4	22,86	— 0,79	
11	11	22,78	4	23,66	+ 0,88	
12			4	23,86	+ 1,08	
13			3	23,14	— 0,23	
14	10	23,37	3	22,44	— 0,93	
15			4	22,18	— 1,19	
16			5	22,31	— 1,06	
17	10	23,87	5	22,43	— 1,44	
18			5	22,12	— 1,75	This very large difference seems to be connected with the hot land wind in some way—the wet bulb thermometer depressed 14°,6.
19	8	24,78	5	22,66	— 2,12	
20	6	23,15	5	22,79	— 0,36	
21			4	23,52	+ 0,37	
22			3	23,84	— 0,47	
23	10	24,31	5	23,02	— 1,29	
24			5	23,22	— 1,09	
25	10	24,11	5	23,16	— 0,95	
26			5	23,07	— 1,04	
27	7	24,29	5	23,32	— 0,97	
28	5	23,65	5	23,88	+ 0,23	
29			4	23,84		
30			4	23,62		
31			3	23,33		
June 1			5	23,36	— 0,61	
2			4	23,66	— 0,31	
3	9	23,97	4	23,51	— 0,46	
4			4	23,25	— 0,72	
5			5	23,14	— 0,83	
6			4	23,00		
7			4	23,35	— 0,45	
8	11	23,80	5	23,91	+ 0,11	
9			5	23,10	— 0,47	
10			5	23,79	+ 0,22	
11	9	23,57	4	23,40	— 0,17	
12			4	23,02	— 0,55	
13			2	23,71	+ 0,44	
14			4	23,34	+ 0,07	
15			3	23,34	+ 0,07	
16	6	23,27	2	23,02	— 0,25	
17			3	22,96	— 0,31	
18			5	22,91	— 0,36	
19			5	23,55	+ 0,85	
20			4	22,67	— 0,03	
21	8	22,70	4	22,92	+ 0,22	
22			3	22,85	+ 0,15	
23			3	22,97	+ 0,27	
24	9	22,55	5	22,91	+ 0,36	
25			3	22,94		

Date.	No. of Observations.	Index Error by Stars.	No. of Observations	Index Error by Reflecting Collimator.	Difference.	Remarks.
1835		′ ″		′ ″	″	
June 26			5	— 2 22,87		
27			4	22,83		
28	7	— 2 22,38	5	22,17	— 0,21	
29	4	24,91	4	23,69	— 1,22	
30	6	22,66	4	22,83	+ 0,17	
July 1			4	23,10	+ 0,28	
2			4	22,67	— 0,15	
3			3	23,07	+ 0,25	
4			3	23,58	+ 0,76	
5	10	22,82	4	23,26	+ 0,44	
6			4	23,53	+ 0,71	
7			3	22,85	+ 0,03	
8			3	23,16	+ 0,34	
9			5	23,20	+ 0,38	
10			4	23,97	+ 1,71	
11			3	23,45	+ 1,19	
12			4	23,16	+ 0,90	
13			4	22,68	+ 0,42	
14	7	22,26	4	22,62	+ 0,36	
15			3	23,34	+ 1,08	
16			3	23,73	+ 1,47	
17			5	22,66	+ 0,40	
18			5	22,64	+ 0,80	
19	10	21,84	4	22,94	+ 1,10	
20			5	23,40	+ 1,56	
21	6	21,54	5	23,27	+ 1,73	
22	6	21,88	5	22,97	+ 1,09	
23			4	22,76	+ 0,28	
24	11	22,48	4	23,33	+ 0,85	
25			5	22,45	+ 0,59	
26	10	21,86	5	22,56	+ 0,70	
27			4	22,08	— 0,44	
28	11	22,52	5	22,65	+ 0,13	
29			3	23,22	+ 1,35	
30			4	22,75	+ 0,88	
31	11	21,87	4	22,42	+ 0,55	
August 1			4	22,55	+ 0,68	
2			4	22,75	+ 1,69	
3	8	21,06	4	23,39	+ 2,33	
4			3	21,92	+ 0,88	
5	10	21,04	4	22,99	+ 1,95	
6	8	21,28	4	22,81	+ 1,53	
7			3	22,13	+ 1,64	
8	7	20,49	3	22,53	+ 2,04	
9			3	22,62		
10			4	22,61		
11	8	22,79	4	22,67		
12			4	22,71	— 0,01	
13			4	21,88		

Date.	No. of Observations.	Index Error by Stars.	No. of Observations.	Index Error by Reflecting Collimator.	Difference.	Remarks.
1835		′ ″		′ ″	″	
August 14			4	— 2 22,48		
15	8	— 2 22,79	3	23,31		
16			4	23,16		
17			4	22,74		
18			4	22,38		
19			4	23,63		
20			4	23,04		
21			4	23,74		
22	7	22,51	4	23,73	+ 0,73	
23			3	23,20		
24			4	23,64		
25			4	23,93		
26			3	22,97		
27			3	22,66		
28	7	22,40	5	23,18	+ 0,78	
29			3	23,28		
33			4	23,27		
31			4	23,25		
Sept. 1	7	23,52	4	22,88	— 0,28	
2			4	23,11		
3			4	23,12		
4			4	22,82		
5			4	23,38		
6			5	24,04		
7			4	24,12		
8	8	22,96	5	23,57	+ 0,46	
9			4	22,69		
10			4	23,18		
11			4	23,96		
12			4	23,71		
13	6	22,80	5	24,19	+ 1,15	
14			4	23,61		
15			4	23,62	+ 1,10	
16	7	22,52	4	23,83	+ 1,31	
17	5	22,12	4	23,42	+ 1,30	
18	6	22,69	5	22,98	+ 0,29	
19	6	22,23	4	23,53	+ 1,30	
20	7	23,19	5	23,43	+ 0,24	
21	5	23,48	5	23,50	+ 0,02	
22			5	22,96	— 0,34	
23	12	23,30	4	23,01	— 0,29	
24	5	22,56	4	23,34	+ 0,78	
25	6	22,00	4	23,59	+ 1,59	
26	8	21,57	5	23,80	+ 2,23	
27	8	22,86	3	23,93	+ 1,07	
28	6	23,64	4	24,12	+ 0,48	
29			4	23,83	+ 0,05	
30	9	23,78	4	23,91	+ 0,13	
October 1	11	22,14	5	24,13		

Date.	No. of Observations.	Index Error by Stars.	No. of Observations.	Index Error by Reflecting Collimator.	Difference.	REMARKS.
1835		′ ″		′ ″	″	
Oct. 2			5	— 2 23,08		
3	11	— 2 22,14	4	22,78	+ 0,94	
4			5	22,32		
5			5	23,07		
6			4	22,70		
7	11	22,88	4	22,39	+ 0,85	
8			4	23,06		
9			4	23,58		
10	6	21,01	4	22,83	+ 1,82	
11			4	22,62		
12	11	18,67	4	21,14		
13			4	18,82		
14	7	18,34	5	18,02	— 0,32	
15			4	17,58	— 0,76	
16	7	18,39	4	18,11	— 0,28	
17	7	18,17	5	17,17	— 1,00	
18	7	17,26	5	15,94	— 1,32	
19	8	17,90	5	18,36	+ 0,46	
20	10	18,39	5	18,45	+ 0,06	
21			5	17,20	— 1,20	
22	7	18,55	5	17,33	— 1,22	
23	7	16,31	4	14,81	— 1,50	
24	6	15,85	5	16,34	+ 0,49	
25	7	11,27	4	12,08	+ 0,81	
26	10	12,57	4	11,41	— 1,16	
27			5	11,06	— 1,51	
28			3	11,11		Continued Cloudy weather, peculiar to the N. E. Monsoon.
29			3	11,33		
30			4	11,25		
31			4	9,88		
Nov. 1			4	9,88		
2			4	10,75		
3			4	9,95		
4			4	9,68		
5	7	9,49	4	8,35	— 1,14	
6	7	9,61	5	8,86	— 0,75	
7	7	10,39	4	9,46	— 0,93	
8	7	9,73	5	10,05	+ 0,32	
9	6	9,22	4	9,84	+ 0,62	
10	6	8,99	4	9,97	+ 0,98	
11			3	9,94		
12	6	8,99	5	10,05	+ 1,06	
13			3	9,23		
14			3	8,14		
15			4	8,68		
16	7	8,46	5	9,00	+ 0,54	
17	8	8,35	4	8,66	+ 0,31	
18			5	8,86	+ 0,51	
19			2	7,46		

Date.	No. of Observations.	Index Error by Stars.	No. of Observations.	Index Error by Reflecting Collimator.	Difference.	Remarks.
1835		′ ″		′ ″	″	
Nov. 20	7	— 2 7,32	5	— 2 6,82	— 0,50	
21			4	6,68		
22	6	7,68	5	6,74	— 0,94	
23	6	7,66	5	6,76	— 0,90	
24	7	7,45	5	6,90	— 0,55	
25			4	6,75		
26	9	7,03	4	6,78	— 0,25	
27			5	7,26	+ 0,23	
28			3	8,47		
29	6	7,54	6	7,22	— 0,29	
30			4	6,65		
Dec. 1			5	6,68		
2	10	6,94	4	7,18	+ 0,24	
3			5	7,32	+ 0,38	
4			4	7,72		
5			4	8,35		
6	8	7,94	6	7,50	— 0,03	
7			4	8,32		
8			3	7,70		
9	7	8,27				
10	6	8,25	5	7,68	— 0,57	
11	7	9,01	5	7,82	— 0,19	
12	6	8,65	5	7,84	— 0,81	
13	6	8,56	5	8,54	— 0,02	
14	6	9,60	4	9,28	— 0,32	
15	6	8,62	5	8,52	— 0,10	
16	8	8,68	4	7,98	— 0,54	
17			5	8,31		
18	6	8,57	5	8,14	— 0,43	
19	7	8,17	5	8,52	+ 0,35	
20	7	9,06	4	8,55	— 0,51	
21	5	7,76	5	7,84	+ 0,08	
22	7	7,94	4	8,83	+ 0,89	
23	7	9,60	4	9,57	— 0,03	
24	6	10,13	3	9,89	— 0,24	
25	7	9,55	4	9,89	+ 0,34	
26	9	10,31	4	9,61	— 0,50	
27			4	10,01		
28	8	10,89	4	9,47	— 1,42	
29			3	9,87		
30	10	10,28	4	10,61	+ 0,29	
31			3	11,22		

RESULT OF OBSERVATIONS MADE WITH THE TRANSIT INSTRUMENT AND MURAL CIRCLE.

The reduction of from twenty to thirty thousand observations which have been made in the years 1834 and 1835, has called for my utmost possible exertion and perseverance together with a rigid attention to economy of computation to prevent getting very considerably in arrears; In the reduction of the observed places of the Sun, Planets and fixed Stars, I have not however for a moment allowed expedition or economy of computation to take the place of accuracy, but in computing the places from the tables for the sake of comparison with these observed places, I have considered myself justified in limiting the numbers to the nearest second for declination, and to the nearest tenth of a second in time for the A. R. The places of the Sun which first lay claims to attention will be found as we have experienced in the preceding years, far less accordant than the powers and accuracy of the Instrument entitle us to expect, which must for the present be charged to the effect of the Sun's rays upon the Instrument* combined with the general ill defined appearance of the limb. The comparison of the transit of the first and second limbs over the wires of the Transit Instrument, furnish us with the means of determining the *horizontal* Diameter, and the comparison of the N. P. D. of the North and South limbs, (taken the former at 30^s *before*, and the latter at 30^s *after* the meridian passage) enable us to compute the *vertical* diameter—thus.

$$\left(\frac{\text{Sun 2 L.} - \text{Sun 1 L.}}{30}\right)\left(1 + \frac{a^{\text{I}} - a}{48}\right) \text{sin. N. P. D.} \times (\text{dist. Sun} - \text{Earth}) = \text{Sun's M. Horizontal Semid.}$$

$$\frac{\text{N. P. D. Sun's South L.} - \text{N. P. D. Sun's North L.} + dr. \pm d\text{D.} - \text{C} - \text{T.}}{2} \times \text{dist. (Sun—Earth)} = \text{Sun's M. Ver. Sem.}$$

where *dr.* represents the difference of the refractions due to the N. and S. limbs, *d.* D the change of declination in the interval (1^m) between the observations; C, a constant quantity determined from the observation of Equatoreal Stars, arising from the inclination of the horizontal wire—(from a great many observations C = $1''{,}46$) and finally T is the thickness of the wire = $2''{,}42$.

---

* In a former volume I promised to inquire into this subject, for which purpose several observations have already been made, but as they are not yet so complete as I could wish, the subject will better be discussed in the next volume.

Taking the mean of these differences, it appears that the error due to the four divisions employed in the reading of the reflecting Collimator combined with the error of the assumed Latitude (13° 4′ 8″,50) amounts to —0″,069; this result for the mean, would be satisfactory enough were it not that the *individual* results are far less accordant than might be expected—the discordance having in a few cases somewhat exceeded two seconds, thereby incurring an uncertainty of above a second upon each determination—Since coming to this conclusion I have materially improved the method of reading off the Circle Reflecting Collimator as follows—after making the fixed horizontal wire roughly cover its reflected image, the moveable wire is brought up to any convenient distance (5 or 10 seconds for instance) from the fixed horizontal wire, and the bisection completed by causing the fixed wire to occupy an intermediate position between the direct and reflected images of the moveable wire; by this arrangement the observations now making are much more accordant than the above, and seldom I believe are erroneous to half a second.

Comparison of the observed A.R. and N.P.D. of the Sun, with their places interpolated from the Nautical Almanac, &c.

1834	Right Ascension		Error of Tables.	North Polar Distance		Error of Tables.	Mean Semidiameter.	
	from Observation.	from N.A.		from Observation.	from N.A.		Horizontal	Vertical.
	h. m. s.	s	″	° ′ ″	″	″	′ ″	
Jan. 2	18 49 52,97	53,1	+ 0,13	112 57 49,61	52,00	+ 2,39	16 4,10	
4	18 58 42,19	42,0	— 0,19	46 22,89	26,00	+ 3,11	——	
5	19 3 6,28	5,8	— 0,48	40 1,00	3,00	+ 2,00	1,30	
6	7 29,71	29,3	— 0,41	33 11,50	12,00	+ 0,50	3,28	
7	11 52,62	52,3	— 0,32	25 53,72	55,00	+ 1,28	4,90	
8	16 14,68	14,8	+ 0,12	18 8,65	12,00	+ 3,35	5,08	
10	24 59,17	58,4	+ 0,23	1 23,52	25,00	+ 1,48	——	
11	29 19,75	19,3	— 0,45	111 52 19,87	22,00	+ 2,13	15 59,14	
12	33 39,53	39,6	+ 0,07	42 53,86	54,00	+ 0,14	15 59,56	
14	42 18,81	18,3	— 0,51	22 42,40	43,00	+ 0,60	16 3,22	
15	46 36,55	36,7	+ 0,15	11 58,43	1,00	+ 2,57	15 58,94	
16	50 54,92	54,4	— 0,52	0 56,25	54,00	— 2,25	15 59,80	
17	55 10,67	11,3	+ 0,63	110 49 19,48	22,00	+ 2,52	16 0,14	
18	19 59 27,58	27,6	+ 0,02	37 29,08	28,00	— 1,08	1,34	
19	20 3 43,11	43,0	— 0,11	25 10,77	9,00	— 1,77	3,54	
20	7 57,99	57,8	— 0,19	12 30,66	28,00	— 2,66	1,00	
21	12 12,10	11,8	— 0,30	109 59 23,06	24,00	+ 0,94	2,70	
22	16 25,08	24,8	— 0,28	46 2,28	58,00	— 4,28	——	
23	20 37,24	37,2	— 0,04	32 8,86	9,00	+ 0,14	3,98	

1834		Right Ascension. from Observation.		Right Ascension. from N.A.	Error of Tables.	North Polar Distance from Observation.			North Polar Distance from N.A.	Error of Tables.	Mean Semidiameter. Horizontal		Mean Semidiameter. Vertical.
		h.	*m.*	*s.*	*s.*	°	′	″	″	″	′	″	
Jan.	24		24	49,04	48,7	— 0,34	109	18	3,48	0,00	— 3,48	16	2,28
	25		28	59,79	59,5	— 0,29		3	26,17	29,00	+ 2,83		4,93
	26		33	9,76	9,5	— 0,26	108	48	37,16	38,00	+ 0,84	15	59,50
	27		37	18,86	18,6	— 0,26		33	23,65	25,00	+ 1,35	16	1,90
	28		41	27,28	27,0	— 0,28							2,50
	29		45	34,13	34,5	+ 0,37		1	59,08	0,00	+ 0,92		
	31	20	53	47,25	47,2	— 0,05	107	29	20,08	18,00	— 2,08		
Feb.	1	..	..	.....	....	.. ....		12	25,99	29,00	+ 3,01		1,27
	2	21	1	57,15	56,8	— 0,35	106	55	21,14	21,00	— 0,14		1,26
	3		6	0,65	0,3	— 0,35		37	57,58	56,00	— 1,58		3,75
	4		10	3,18	3,0	— 0,18		20	12,91	13,00	+ 0,09		2,12
	5		14	5,22	4,9	— 0,32		2	12,42	14,00	+ 1,58		
	7		22	7,04	6,4	— 0,64	105	25	26,56	26,00	— 0,56		
	8	..	..	.....	....	.. ....		6	42,75	38,00	— 4,75		1,77
	9		30	4,75	4,6	— 0,15	104	47	34,96	34,00	— 0,96		2,72
	11		38	0,16	59,7	— 0,46		8	46,75	44,00	— 2,75		2,88
	12	..	..	.....	....	.. ....	103	48	53,54	57,00	+ 3,46		1,86
	14	..	..	.....	....	.. ....		8	39,86	44,00	+ 4,54		
	15		53	40,58	40,4	— 0,18	102	48	16,70	18,00	+ 1,30		3,07
	16		57	34,11	33,7	— 0,41		27	36,19	39,00	+ 2,81		2,40
	17	..	..	.....	....	.. ....		6	48,82	49,00	+ 0,18		0,97
	18	22	5	18,00	18,1	+ 0,10	101	45	47,51	48,00	+ 0,49		1,62
	19		9	9,46	9,2	— 0,26		24	33,95	35,00	+ 1,05		2,75
	20		12	59,74	59,5	— 0,24		3	9,81	12,00	+ 2,19		2,77
	21		16	49,27	49,2	— 0,07	100	41	42,32	39,00	— 3,32		0,86
	22		20	40,24	38,2	.. ....		19	54,41	56,00	+ 1,59		2,65
	23		24	26,70	26,6	— 0,10	99	58	6,38	3,00	— 3,38		2,37
	24		28	14,50	14,3	— 0,20		36	4,95	2,00	— 2,95		3,36
	25		32	2,18	1,5	— 0,68		13	52,12	52,00	— 0,12		1,62
	26		35	48,15	48,1	— 0,05	98	51	29,89	33,00	+ 3,11		1,62
	27		39	34.83	34,1	— 0,73		29	8,28	7,00	— 1,28		2,43
	28		43	20,02	19,6	— 0,42		6	31,00	33,00	+ 2,00		2,27
Mar.	1	22	47	5,11	4,5	— 0,61	97	43	48,18	52,00	+ 3,82		2,77
	2							21	5,45	5,00	— 0,45		0,29
	3		54	33,54	33,0	— 0,54	96	58	10,58	11,00	+ 0,42		4,01
	4		57	16,90	17,1	+ 0,20		35	9,07	11,00	+ 1,93		2,82
	5		2	0,30	0,1	— 0,20		12	5,73	5,00	— 0,73		3,95
	7		..	....	....	.....	95	25	39,77	39,00	— 0,77		
	9		..	....	....	.....	94	38	59,81	55,00	— 4,81		
	11		..	....	....		93	51	56,67	58,00	+ 1,33		
	12							28	21,55	24,00	+ 2,45		
	13							4	45,81	48,00	+ 2,19		
	14						92	41	8,42	10,00	+ 1,58		
	15							17	27,65	31,00	+ 3,35		
	16						91	53	48,09	50,00	+ 1,91		
	17							30	6.94	8,00	+ 1,06		
	18							6	24,03	26,00	+ 1,97		
	19						90	43	44,53	44,00	— 0,53		
	20							19	6,64	3,00	— 3,64		
	21						89	55	25,78	22,00	— 3,78		
	24						88	44	19,25	25,00	+ 5,75		
	25							20	43,43	50,00	+ 6,57		
	26						87	57	13,84	17,00	+ 3,16		

1834.	Right Ascension		Error of Tables.	North Polar Distance		Error of Tables.	Mean Semidiameter.	
	from Observation.	from N. A.		from Observation.	from N. A.		Horizontal.	Vertical.
	h. m. s.	*s.*	*″*	° ′ ″	*″*	*″*	′ ″	
Mar. 28				87 10 17,01	20,00	+ 2,99		
29				86 46 56,60	55,00	— 1,60		
30				86 23 32,96	36,00	+ 3,04		
31				86 0 18,49	19,00	+ 0,51		
April 1				85 37 5,85	8,00	+ 2,15		
5				84 5 6,55	8,00	+ 1,45		
6				83 42 23,44	23,00	— 0,44		
7				83 19 42,27	44,00	+ 1,73		
8				82 57 9,25	11,00	+ 1,75		
9				82 34 43,53	47,00	+ 3,47		
10				82 12 27,56	29,00	+ 1,44		
12				81 28 21,38	18,00	— 3,38		
14				80 44 39,41	40,00	+ 0,59		
15				80 23 8,61	6,00	— 2,61		
16				80 1 43,55	41,00	+ 2,55		
19				78 58 20,32	26,00	+ 5,68		
20				78 37 45,10	43,00	— 2,10		
21				78 17 6,00	10,00	+ 4,00		
22				77 56 51,37	50,00	— 1,37		
23				77 36 36,41	41,00	+ 4,59		
24				77 16 40,95	45,00	+ 4,05		
25				76 56 58,25	1,00	+ 2,75		
26				76 37 27,10	30,00	+ 2,90		
27				76 18 11,22	12,00	+ 0,78		
28				75 59 0,15	6,00	+ 5,85		
29				75 40 14,36	15,00	+ 0,64		
30				75 21 39,97	38,00	— 1,97		
May 1				75 3 19.16	16,00	— 3,16		
4				74 9 32,45	36,00	+ 3,55		
5				73 52 14,23	14,00	— 0,23		
6				73 35 6,67	8,00	+ 1,33		
8				73 1 42,63	45,00	+ 2,77		
9				72 45 26,91	28,00	+ 1,09		
10				72 28 28,16	29,00	+ 0,84		
12				71 58 18,19	23,00	+ 4,81		
13				71 43 13,29	17,00	+ 3,71		
17				70 45 55,84	1,00	+ 5,16		
19				70 18 19,74	20,00	+ 0,26		
21				69 53 57,66	59,00	+ 1,34		
23				69 29 58,91	0,00	+ 1,09		
24				69 18 32,78	32,00	— 0,78		
26				68 56 32,02	39,00	+ 6,98		
27				68 46 11,94	16,00	+ 4,06		
June 2				67 51 35,93	40,00	+ 4,07		
3				67 43 47,41	53,00	+ 5,59		
4				67 36 28,37	29,00	+ 0,63		
6				67 22 49,22	54,00	+ 4,78		
9				67 5 24,09	30,00	+ 5,91		
10				67 0 25,48	30,00	+ 4,52		
11				66 55 51,19	54,00	+ 2,81		
13				66 47 55,11	55,00	— 0,11		
16				66 38 58,00	1,00	+ 3,00		
17				66 36 49,95	53,00	+ 3,05		

1834.	Right Ascension		Error of Tables.	North Polar Distance		Error of Tables.	Mean Semidiameter.	
	from Observation.	from N. A.		from Observation.	from N. A.		Horizontal.	Vertical.
	h. m. s.	*s.*	″	° ′ ″	″	″	′ ″	
June 18				66 35 4,26	9,00	+ 4,74		
22				66 32 18,43	22,00	+ 3,57		
23				66 32 43,31	42,00	— 1,31		
24				66 33 26,33	27,00	+ 0,67		
25				66 34 34,35	37,00	+ 2,65		
26				66 36 10,78	12,00	+ 1,22		
27				66 38 5,13	11,00	+ 5,87		
28				66 40 34,43	35,00	+ 0,57		
29				66 43 24,00	23,00	— 1,00		
July 2				66 54 12,17	14,00	+ 1,83		
4				67 3 28,79	30,00	+ 1,21		
6				67 14 17,13	21,00	+ 3,87		
7				67 20 18,59	23,00	+ 4,41		
10				67 40 48,63	49,00	+ 0,37		
12				67 56 18,01	22,00	+ 3,99		
13				68 4 40,25	42,00	+ 1,75		
14				68 13 20,81	26,00	+ 5,19		
15				68 22 25,75	31,00	+ 5,25		
19				69 2 29,59	32,00	+ 2,41		
20				69 13 24,43	25,00	+ 0,57		
Aug. 2				72 5 21,92	26,00	+ 4,08		
4				72 36 29,69	33,00	+ 3,31		
5				72 52 30,80	32,00	+ 1,20		
7				73 25 14,71	20,00	+ 5,29		
8				73 42 4,96	8,00	+ 3,04		
12				74 51 57,45	56,00	— 1,45		
13				75 10 1,81	0,00	— 1,81		
14				75 28 18,01	18,00	— 0,01		
19				77 3 5,97	8,00	+ 2,03		
Sept. 11				85 15 28,23	27,00	— 1,23		
15				86 48 22,78	21,00	— 1,78		
17				87 34 38,45	40,00	+ 1,55		
18				87 56 54,70	54,00	— 0,70		
20				88 43 26,27	28,00	+ 1,73		
22				89 30 7,80	11,00	+ 3,20		
23				89 53 30,18	35,00	+ 4,82		
24				90 17 3,80	59,00	— 4,80		
25				90 39 26,97	25,00	— 1,97		
26				91 2 49,74	50,00	+ 0,26		
29				92 14 3,44	5,00	+ 1,56		
Octr. 5				94 34 0,44	55,00	— 5,44		
7				95 20 14,74	9,00	— 5,74		
8				95 43 10,66	10,00	— 0,66		
9				96 6 1,96	6,00	+ 4,04		
16				98 44 2,70	3,00	+ 0,30		
17				99 6 10,37	10,00	— 0,37		
18				99 28 11,60	9,00	— 2,60		
20				100 11 46,36	42,00	— 4,36		
22				100 54 41,46	39,00	— 2,46		
24				101 36 53,68	57,00	+ 3,32		
25				101 57 48,00	51,00	+ 3,00		
26				102 18 31,87	34,00	+ 2,13		
27				102 39 1,66	5,00	+ 3,34		

1834.	Right Ascension		Error of Tables.	North Polar Distance		Error of Tables.	Mean Semidiameter.	
	from Observation.	from N.A.		from Observation.	from N. A.		Horizontal	Vertical.
	h. m. s.	*s.*	″	° ′ ″	″	″	′ ″	′ ″
Octr. 28				102 51 28,41	25,00	— 3,41		
29				103 19 27,43	33,00	+ 5,57		
31				103 59 8,97	10,00	+ 1,03		
Decr. 16				113 19 9,72	13,00	+ 3,28		
17				113 21 43,02	48,00	+ 4,98		
18				113 23 53,76	55,00	+ 1,24		
19				113 25 29,21	34,00	+ 4,79		
20				113 26 41,89	44,00	+ 2,11		
23				113 27 23,56	25,00	+ 1,44		
24				113 26 39,35	43,00	+ 3,65		
25				113 25 28,44	32,00	+ 3,56		
26				113 23 52,73	53,00	+ 0,27		
27				113 21 44,57	46,00	+ 1,43		
28				113 19 5,71	10,00	+ 4,29		
31				113 8 30,79	35,00	+ 4,21		
1835.								
Jany. 3				112 53 47,38	47,00	— 0,38		
5				112 41 39,00	42,00	+ 3,00		
6				112 34 58,45	58,00	— 0,45		
7				112 27 43,32	46,00	+ 2,68		
9				112 12 4,29	3,00	— 1,29		
15				111 14 44,29	41,00	— 3,29	16 1,79	
16				111 3 42,60	40,00	— 2,60		0,13
17				110 52 15,06	14,00	— 1,06		3,12
18				110 40 29,05	25,00	— 4,05		1,11
19				110 28 22,06	14,00	— 8,16		1,62
20				110 15 42,65	39,00	— 3,65		1,31
21				110 2 44,59	41,00	— 3,59		2,24
22				109 49 24,42	20,00	— 4,42		1,26
24	.. ..	....	.....	109 21 36,45	36,00	— 0,45		
26				108 52 17,87	20,00	+ 2,23		2,31
30				107 48 45,53	48,00	+ 2,47		3,27
31				107 33 21,07	21,00	— 0,07		
Feb. 1				107 16 35,83	37,00	+ 1,17		2,17
2	21 0 58,54	58,6	+ 0,06	106 59 30,28	32,00	+ 1,72		3,05
3	5 1,58	1,4	— 0,18	106 42 5,87	10,00	+ 4,13		0,40
4				106 24 30,60	31,00	— 0,40		3,04
5	13 7,46	7,3	— 0,16	106 6 30,95	35,00	+ 4,05	16 2,33	
6	17 8,12	8,5	+ 0,38	105 48 25,50	23,00	— 2,50	4,09	15 57,87
7				105 29 57,65	55,00	— 2,65		
8	25 8,84	8,4	— 0,44	105 11 11,86	12,00	+ 0,14		
10				104 32 57,51	58,00	+ 0,49	2,37	16 0,69
11				104 13 30,23	29,00	— 1,23		
12	40 59,24	58,6	— 0,64	103 53 44,05	46,00	+ 1,95	0,28	4,19
13	44 54,50	54,2	— 0,30	103 33 48,51	50,00	+ 1,49	1,40	0,82
14	48 49,56	49,0	— 0,56	103 13 38,09	41,00	+ 2,91	3,01	3,82
15	52 43,92	43,1	— 0,82	102 53 19,25	19,00	— 0,25	1,93	
16	56 37,22	36,5	— 0,72	102 32 40,70	43,00	+ 2,30	1,71	1,25
17	22 0 29,86	29,2	— 0,66	102 11 53,50	57,00	+ 3,50	1,59	
18	4 21,65	21,1	— 0,55	101 50 58,93	58,00	— 0,93	1,31	
19	8 13,07	12,6	— 0,47	101 29 49,11	48,00	— 1,11	2,10	0,92
20	12 3,51	3,3	— 0,21	101 8 27,91	27,00	— 0,91	1,71	
21	15 53,67	53,2	— 0,47	100 46 56,72	56,00	— 0,72	15 59,52	2,10

1835.		Right Ascension		Error of Tables.	North Polar Distance		Error of Tables.	Mean Semidiameter.	
		from Observation.	from N. A.		from Observation.	from N. A.		Horizontal.	Vertical.
		h. m. s.	*s.*	″	° ′ ″	″	″	′ ″	′ ″
Feb.	22	22 19 42,79	42,5	— 0,29	100 25 17,19	17,00	— 0,19	15 59,71	15 59,96
	23	23 31,71	31,3	— 0,41	100 3 27,25	25,00	— 2,25	16 1,93	16 1,75
	24	27 19,82	19,4	— 0,42	99 41 28,58	25,00	— 3,58	2,49	2,95
	25	31 7,90	6,9	— 1,00	99 19 17,40	16,00	— 1,40	0,32	
	26	34 54,91	53,8	— 1,11	98 56 56,51	59,00	+ 2,49	2,29	3,39
	27	38 40,80	40,1	— 0,70	98 34 28,72	33,00	+ 4,28	1,89	
	28	42 26,45	25,7	— 0,75	98 11 57,34	1,00	+ 3,66	0,70	2,17
Mar.	1	46 11,55	11,1	— 0,45				1,53	
	2	49 55,85	55,8	— 0,05	97 26 34,68	35,00	+ 0,32	2,04	15 58,81
	3	53 40,18	40,0	— 0,18	97 3 40,88	41,00	+ 0,12	2,35	16 2,92
	4	57 24,58	23,7	— 0,88	96 40 40,42	42,00	+ 1,58	1,53	15 59,79
	5	23 1 7,71	6,9	— 0,81	96 17 35,22	37,00	+ 1,78	0,95	16 1,77
	6	4 50,37	49,6	— 0,77	95 54 28,16	27,00	— 1,16	1,50	0,72
	7	8 32,72	31,9	— 0,82	95 31 13,56	13,00	— 0,56	15 59,38	2,56
	8	12 14,28	13,7	— 0,58	95 7 56,87	54,00	— 2,87	16 0,41	15 59,88
	9	15 55,77	55,2	— 0,57	94 44 35,80	32,00	— 3,80	1,72	
	10	19 37,06	36,3	— 0,76	94 21 7,35	6,00	— 1,35	2,94	
	11	23 17,72	17,0	— 0,72					
	12	26 58,33	57,4	— 0,93	93 34 1,19	5,00	+ 3,81	1,55	16 2,53
	13	30 37,94	37,4	— 0,54	93 10 27,42	31,00	+ 3,58	3,54	0,72
	14	34 17,84	17,2	— 0,64	92 46 50,52	54,00	+ 3,48	1,02	3,16
	15	37 57,21	56,7	— 0,51	92 23 15,39	15,00	— 0,39	1,88	0,21
	16	41 36,88	36,0	— 0,88	91 59 33,43	36,00	+ 2,57	1,67	1,76
	17	45 16,07	15,0	— 1,07	91 35 55,05	55,00	— 0,05	2,14	2,10
	18	48 54,44	53,8	— 0,64	91 12 10,61	14,00	+ 3,39	2,87	1,65
	19	52 33,73	32,6	— 1,13	90 48 33,07	32,00	— 1,07	0,58	15 58,81
	20	56 12,11	11,1	— 1,00	90 24 51,53	51,00	— 0,53	0,85	16 2,62
	21	59 50,40	49,5	— 0,90	90 1 12,15	9,00	— 3,15	1,68	2,37
	22	0 3 28,67	27,7	— 0,97	89 37 23,47	28,00	+ 4,53	0,74	
	23	7 6,72	5,9	— 0,82	89 13 47,63	49,00	+ 1,37	2,12	2,81
	24	10 44,71	44,1	— 0,61	88 50 7 56	9,00	+ 1,44	3,78	15 59,12
	25	14 22,94	22,1	— 0,84	88 26 28,95	33,00	+ 4,05	2,00	16 3,21
	26	18 0,64	0,1	— 0,54	88 2 55,73	58,00	+ 2,27	1,92	0,02
	27	21 38,36	38,1	— 0,26	87 39 24,02	27,00	+ 2,98	0,60	
	28	25 16,68	16,2	— 0,42	87 15 55,52	58,00	+ 2,48	0,44	2,31
	29	28 54,59	54,2	— 0,39	86 52 32,06	32,00	— 0,06	3,23	2,42
	30	32 33,17	32,3	— 0,87	86 29 7,36	10,00	+ 2,64	0,73	2,09
	31	36 10,65	10,4	— 0,25	86 5 51,42	52,00	+ 0,58	1,63	15 59,44
April	4				84 33 25,43	24,00	— 1,43	2,73	16 3,65
	5				84 10 29,72	31,00	+ 1,28	0,25	
	6	58 1,44	1,2	— 0,24	83 47 46,29	45,00	— 1,29	1,33	
	7	1 1 40,78	40,2	— 0,58	83 25 7,25	5,00	— 2,25	1,49	
	8				83 2 29,17	31,00	+ 1,83	15 59,97	1,14
	9				82 40 1,37	5,00	+ 3,63	16 2,44	0,66
	10				82 17 45,22	46,00	+ 0,78	4,11	15 59,31
	11				81 55 35,72	32,00	— 3,72	0,99	16 3,71
	12	19 58,74	58,3	— 0,44	81 33 31,60	32,00	+ 0,40	2,45	
	13	23 39,30	38,7	— 0,60	81 11 36,82	38,00	+ 1,18	0,83	
	14	27 20,14	19,4	— 0,74	80 49 54,32	53,00	— 1,32	0,14	
	15	31 0,74	0,4	— 0,34	80 28 21,34	16,00	— 5,34	3,12	15 58,96
	16	34 42,48	42,0	— 0,48	80 6 53,11	49,00	— 4,11	1,17	16 3,24
	17				79 45 35,35	31,00	— 4,35	0,24	3,42
	18	42 5,88	5,9	+ 0,02	79 24 28,37	24,00	— 4,37	0,91	4,44

1835.	Right Ascension from Observation.	Right Ascension from N. A.	Error of Tables.	North Polar Distance from Observation.	North Polar Distance from N. A.	Error of Tables.	Mean Semidiameter. Horizontal.	Mean Semidiameter. Vertical.
	h. m. s	*s.*	*″*	° ′ ″	*″*	*″*	′ ″	′ ″
April 19	1 45 48,77	48,5	— 0,27	79 3 26,40	28,00	+ 1,60	15 59,62	16 1,88
20	49 31,65	31,5	— 0,15	78 42 38,39	41,00	+ 2,61	59,19	3,69
21				78 22 4,81	6,00	+ 1,19	16 2,87	0,21
22				78 2 40,34	42,00	+ 1,66	1,05	1,60
23				77 41 28,24	30,00	+ 1,76		
24				77 21 30,80	29,00	— 1,80	1,72	1,49
25	2 8 13,77	13,1	— 0,67	77 1 41,87	41,00	— 0,87	1,95	1,88
26	11 59,65	58,9	— 0,75	76 42 3,95	6,00	+ 2,05	0,92	
27	15 45,96	45,2	— 0,76	76 22 44,34	43,00	— 1,34	1,78	0,30
28	19 32,50	32,0	— 0,50	76 3 36,62	34,00	— 2,62	1,73	0,65
29	23 20,33	19,3	— 1,03	75 44 39,99	39,00	— 0,99	2,86	3,26
30	27 7,80	7,0	— 0,80	75 26 2,90	59,00	— 3,90	0,27	
May 1				74 37 33,34	33,00	— 0,34	3,33	3,19
2	34 45,16	44,3	— 0,86	74 49 21,73	21,00	— 0,73	3,80	2,52
3	38 34,30	33,7	— 0,60	74 31 23,49	23,00	— 0,49	15 59,89	0,60
4	42 24,32	23,6	— 0,72					
5	46 14,39	14,0	— 0,39	73 56 12,66	16,00	+ 3,34	4,62	3,46
6	50 5,21	5,0	— 0,21	73 39 1,21	7,00	+ 5,79	16 2,65	1,07
7	53 56,93	56,5	— 0,43	73 22 13,17	13,00	— 0,17	1,69	
8	57 49,11	48,6	— 0,51	73 5 32,50	36,00	+ 3,50	1,52	1,87
9	3 1 42,07	41,2	— 0,87	72 49 11,86	16,00	+ 4,14	3,22	1,58
11	9 28,76	28,2	— 0,56	72 17 27,61	28,00	+ 0,39	1,20	59,39
12	13 22,39	22,4	+ 0,01	72 1 57,82	00,00	+ 2,18	4,68	
14	21 13,69	13,0	— 0,69	71 31 59,92	00,00	+ 0,08	0,27	
15	25 9,36	9,0	— 0,36	71 17 26,86	27,00	+ 0,14	1,98	
16	29 5,93	5,7	— 0,23	71 3 14,04	13,00	— 1,04	0,25	
17	33 3,47	3,1	— 0,37	70 49 10,75	18,00	+ 7,25	15 59,96	
18	37 1,33	0,7	— 0,63	70 35 41,80	43,00	+ 1,20	16 2,13	
19	40 59,46	59,2	— 0,26	70 22 28,74	27,00	— 1,74	2,72	16 0,25
20	44 58,63	58,2	— 0,43	70 9 34,68	31,00	— 3,68	2,19	0,52
21	48 58,47	57,6	— 0,87	69 56 59,38	55,00	— 4,38	2,66	3,04
22							3,15	
23	56 58,72	58,5	— 0,22	69 32 49,28	45,00	— 4,28	2,52	
24	4 0 59,93	59,7	— 0,23	69 21 13,28	11,00	— 2,28	1,62	
25	5 2,19	1,5	— 0,69	69 9 58,96	59,00	+ 0,04	2,38	
26	9 4,30	3,7	— 0,60	68 59 3,67	8,00	+ 4,33	3,58	2,16
27	13 7,12	6,5	— 0,62	68 48 33,86	38,00	+ 4,14	4,81	2,52
28	17 10,09	9,8	— 0,29	68 38 27,09	32,00	+ 4,91	3,58	
29				68 28 40,39	46,00	+ 5,61	2,06	3,24
30				68 19 20,43	23,00	+ 2,57	0,63	
31				68 10 19,48	23,00	+ 3,52	0,02	0,94
June 1				68 1 38,46	45,00	+ 6,54	1,75	
2				67 53 27,14	30,00	+ 2,86	2,22	0,98
3				67 45 31,71	38,00	+ 6,29	15 59,19	1,99
4				67 38 6,37	9,00	+ 2,63	16 1,13	59,22
5	49 51,66	51,4	— 0,26	67 31 1,59	4,00	+ 2,41	2,40	1,42
7				67 18 2,41	5,00	+ 2,59		
8	5 2 12,62	11,9	— 0,72	67 12 10,39	11,00	+ 0,61		
10	10 29,01	28,6	— 0,41	67 1 36,35	37,00	+ 0,65		
13		54,1		66 48 44,33	45,00	+ 0,67	1,46	1,25
14	27 2,24	2,9		66 45 16,45	16,00	— 0,45	15 59,73	0,68
18	43 39,34	39,9						
19	47 49,65	49,4	— 0,25	66 34 2,69	6,00	+ 3,31	16 3,25	0,95

1835.	Right Ascension		Error of Tables.	North Polar Distance		Error of Tables.	Mean Semidiameter.	
	from Observation.	from N.A		from Observation.	from N. A.		Horizontal	Vertical.
	h. m. s.	*s*	*″*	*° ′ ″*	*″*	*″*	*′ ″*	*′ ″*
June 20	5 51 59,35	58,9	— 0,45	66 33 1,01	6,00	+ 4,99	16 4,17	16 1,53
21	56 8,67	8,6	— 0,07	66 32 27,93	30,00	+ 2,07	2,63	
23	6 4 28,34	28,0	— 0,34	66 32 30,98	33,00	+ 2,02		
25	.. ..		.....	66 34 10,36	16,00	+ 5,64	1,62	
26	.. ..		.....	66 35 42,66	45,00	+ 2,34	1,55	
29	29 24,45	24,1	— 0,35	66 43 33,36	39,00	+ 5,64	1,19	1,07
30	33 32,98	32,9	— 0,08	66 45 43,52	46,00	+ 2,48		2,39
July 1	37 41,66	41,4	— 0,26	66 49 15,79	17,00	+ 1,21	4,60	2,25
2	41 49,13	49,7		66 53 12,43	12,00	— 0,43	1,77	3,13
3	45 57,88	57,7	— 0,18	66 57 31,13	33,00	+ 1,87	5,12	2,62
4	50 5,52	5,4	— 0,12	66 2 15,61	17,00	+ 1,39		
6							15 59,92	
7				67 18 52,93	54,00	+ 1,07	16 1,01	
8				67 25 12,68	13,00	+ 0,32	4,47	59,97
9	7 10 39,37	38,9	— 0,47	67 31 53,73	56,00	+ 2 27	1,91	1,79
11				67 46 30,52	32,00	+ 1,48		1,09
12	22 54,87	54,3	— 0,57	67 54 21,98	24,00	+ 2,02	15 59,59	
13	26 58,65	58,6	— 0,05	68 2 35,02	39,00	+ 3,98	16 0,77	2,76
15							2,08	
16				68 29 37,19	38,00	+ 0,81	1,48	
17	43 11,18	11,0	— 0,18	68 39 20,46	19,00	— 1,46	1,02	3,80
20	55 15,40	15,3	— 0,10	69 10 40,10	44,00	+ 3,90	15 59,78	
21				69 21 56,47	55,00	— 1,47	16 1,75	2,26
23	8 7 15,47	14,8	— 0,67	69 45 23,13	18,00	— 5,13	0,52	
24	11 13,67	13,5	— 0,17				0,46	
25	15 11,29	11,6	+ 0,31	70 10 5,58	3,00	— 2,58		2,47
26	19 9,24	9,2	— 0,04	70 22 54,26	54,00	— 0,26		0,68
27	23 6,16	6,2	+ 0,04	70 36 6,88	6,00	— 0,88	16 1,01	1,91
28	27 2,44	2,4	— 0,04	70 49 35,49	36,00	+ 0,51	15 59,92	1,50
29		58,1		71 3 26,79	26,00	— 0,79	16 0,08	59,81
30		53,2		71 17 33,98	34,00	+ 0,02	16 1,09	1,11
31		47,7		71 32 3,04	2,00	— 1,04	16 0,42	1,01
Aug. 1	42 42,67	41,6	— 1,07	71 46 46,05	47,00	+ 0,95	15 59,74	2,16
2	46 35,13	34,8	— 0,33	72 1 49,40	49,00	— 0,40	16 1,45	
3				72 17 11,46	12,00	+ 0,54	16 2,55	
4				72 32 47,83	47,00	— 0,83	15 59,84	59,66
5	58 10,94	10,7	— 0,24	72 48 41,12	45,00	+ 3,88	16 3,73	
6	9 2 1,86	1,4	— 0,46	73 4 55,91	56,00	+ 0,09	3,30	2,81
7	5 52,28	51,6	— 0,68	73 21 20,44	25,00	+ 4,56	4,03	2,99
8							3,08	
9	13 30,85	30,0	— 0,85	73 55 3,44	8,00	+ 4,56	1,02	
13				75 5 40,38	37,00	— 3,38	3,92	1,79
14				75 23 51,62	51,00	— 0,62	1,72	1,14
19		9,3		76 58 33,71	28,00	— 5,71		
20		52,5		77 18 0,29	1,00	+ 0,71	1,60	0,17
26				79 19 26,57	30,00	+ 3,43		
27	10 20 42,02	41,7	— 0,32	79 40 24,04	22,00	— 2,04	1,35	4,44
28	24 21,88	22,3	+ 0,42	80 1 27,96	24,00	— 3,96	16 0,98	
29				80 22 37,74	35,00	— 2,74	15 59,98	0,93
30				80 43 55,91	55,00	— 0,91	16 1,78	
31	10 35 18,77	17,9	— 0,87	81 5 24,39	24,00	— 0,39	0,42	
Sept. 1	38 56,05	56,0	— 0,05	81 27 1,03	2,00	+ 0,97	1,19	0,30
2				81 48 46,93	48,00	+ 1,07	0,20	2,03

1835.	Right Ascension from Observation.	Right Ascension from N. A	Error of Tables.	North Polar Distance from Observation.	North Polar Distance from N. A.	Error of Tables.	Mean Semidiameter. Horizontal.	Mean Semidiameter. Vertical.
	h. m. s.	*s.*	″	° ′ ″	″	″	′ ″	′ ″
Septr. 3				82 10 40,40	43,00	+ 2,60	16 3,21	16 1,99
4	10 49 48,63	48,6	— 0,03					
5				82 54 53,80	55,00	+ 1,20		
6				83 17 4,83	9,00	+ 4,17	3,95	
7				80 32 29,14	31,00	+ 1,86	1,72	
8	11 4 15,29	15,0	— 0,29	84 2 52,93	49,00	— 3,93	2,18	
9	7 52,04	51,2	— 0,84	84 24 31,93	33,00	+ 1,07	0,67	2,98
13	22 14,96	14,2	— 0,76					
15	29 25,66	25,2	— 0,46				16 0,03	
16	33 1,33	0,7	— 0,63	87 4 51,81	53,00	+ 1,19	15 59,52	
17	36 36,82	36,1	— 0,72	87 28 2,20	4,00	+ 1,80	16 0,32	
18	40 12,01	11,5	— 0,51	87 51 16,50	17,00	+ 0,50	0,63	
20	47 22,73	22,5	— 0,23	88 37 48,85	52,00	+ 3,15	0,50	15 59,79
22	54 33,79	33,7	— 0,09	89 24 37,99	37,00	— 0,99	0,90	
24	12 1 45,40	45,2	— 0,20	90 11 30,60	26,00	— 4,60	2,29	16 0,86
25	5 21,57	21,1	— 0,47	90 34 54,14	52,00	— 2,14	2,53	
26	8 57,22	57,2	— 0,02	90 58 16,62	17,00	+ 0,38	2,31	
27	12 33,93	33,5	— 0,43	91 21 42,80	43,00	+ 0,20	1,30	
28	16 9,91	9,8	— 0,11	91 45 5,01	8,00	+ 2,99	3,39	
30	23 23,50	23,5	0,00	92 31 53,75	55,00	+ 1,25	1,58	
Octr. 3	12 34 15,84	15,4	— 0,44	93 41 52,14	55,00	+ 2,86		
8	12 52 28,83	28,5	— 0,33	95 37 37,43	36,00	— 1,43	0,95	
9	12 56 8,68	8,3	— 0,38	96 0 31,12	32,00	+ 0,88		
10	12 59 48,86	48,6	— 0,26	96 23 21,26	24,00	+ 2,74	2,18	
11	13 3 29,49	29,4	— 0,09	96 46 9,97	11,00	+ 1,03	3,55	
12	13 7 10,87	10,6	— 0,27	97 8 50,07	52,00	+ 1,93		
13	13 10 52,55	52,4	— 0,15	97 31 28,55	28,00	— 0,55	1,44	
14	13 14 34,54	34,5	— 0,04	97 53 54,47	58,00	+ 3,53	1,96	16 1,00
15	13 18 17,78	17,3	— 0,48	98 16 19,64	21,00	+ 1,36	1,49	
16	13 22 0,83	0,7	— 0,13	98 38 33,79	37,00	+ 3,21	2,32	1,10
17	13 25 44,81	44,6	— 0,21	99 0 44,27	47,00	+ 2,73	2,57	
18	13 29 29,40	29,2	— 0,20	99 22 50,73	49,00	— 1,73		
19	13 33 14,64	14,4	— 0,24	99 44 44,29	43,00	— 1,29	3,39	2,26
20	13 37 0,36	0,1	— 0,26	100 6 26,84	28,00	+ 1,16	3,08	
23	13 48 21,51	21,5	— 0,01	101 10 46,41	49,00	+ 2,59		
24	13 52 10,03	9,8	— 0,23	101 31 53,96	56,00	+ 2,04	2,42	
26	13 59 49,00	48,9	— 0,10	102 13 35,07	39,00	+ 3,93	3,01	
27	14 3 39,63	39,4	— 0,23	102 34 12,56	12,00	— 0,56	2,06	
Novr. 2				104 33 23,22	19,00	— 4,22		
5				105 29 46,42	45,00	— 1,42	1,09	
6	42 47,37	46,4	— 0,97	105 48 2,98	1,00	— 1,98	1,01	0,23
7	46 45,58	45,5	— 0,08	106 6 5,89	4,00	— 1,89	0,74	
8	50 45,81	45,4	— 0,41	106 23 50,33	52,00	+ 1,67	1,06	
9	54 46,40	46,2	— 0,20	106 41 20,67	22,00	+ 1,33	1,59	
10	58 48,01	47,8	— 0,21	106 58 36,25	36,00	— 0,25		
11	15 2 51,15	50,3	— 0,85					
12	6 54,24	53,7	— 0,54	107 32 6,99	11,00	+ 4,01		
13		58,1		107 48 31,51	31,00	— 0,51		
16		16,0		108 35 40,63	40,00	— 0,63		
18	31 32,47	32,4	— 0,07	109 5 30,49	28,00	— 2,49		
19	35 41,78	41,9	+ 0,12	109 19 50,80	50,00	— 0,80	0,87	
21	44 3,30	3,3	0,00					
22	48 15,25	15,3	+ 0,05	110 0 56,76	53,00	— 3,76	0,43	

1835.	Right Ascension from Observation.	Right Ascension from N. A.	Error of Tables.	North Polar Distance from Observation.	North Polar Distance from N. A	Error of Tables.	Mean Semidiameter. Horizontal.	Mean Semidiameter. Vertical
	h. m s.	s.	"	° ′ "	"	"	′ "	′ ′
Novr. 23	15 52 27,84	27,9	+ 0,06	110 13 53,92	51,00	— 2,92	16 3,77	16 0,72
24	56 41,19	41,5	+ 0,31	110 26 27,72	26,00	— 1,72		0,92
25	16 0 55,32	55,7	+ 0,38	110 38 39,51	38,00	— 1,51		0,82
26	5 10,21	10,7	+ 0,49	110 50 25,88	27,00	+ 1,12	2,17	
27	9 26,17	26,3	+ 0,13	111 1 53,77	52,00	— 1,77	1,05	1,78
28	13 42,23	42,9	+ 0,67	111 12 56,18	54,00	— 2,18	2,31	1,65
Decr. 1		36,1		111 43 32,55	33,00	+ 0,45		
2	30 55,13	55,3	+ 0,17	111 52 56,93	57,00	+ 0,07	1,45	
3	35 15,07	14,9	— 0,17	112 1 55,44	56,00	+ 0,56	2,21	3,60
4	39 35,24	35,5	+ 0,26	112 10 30,24	29,00	— 1,24	3,15	
8		2,4		112 40 17,85	21,00	+ 3,15	1,80	
9	17 1 25,53	25,4	— 0,13	112 46 41,14	43,00	+ 1,86	1,62	
10	5 48,91	48,8	— 0,11	112 52 40,98	38,00	— 2,98	2,51	
11	10 12,98	12,7	— 0,28	112 58 2,84	5,00	+ 2,16	0,41	
13	19 1,68	1,9	+ 0,22	113 7 35,21	39,00	+ 3,79	2,75	
15	27 52,58	52,5	— 0,08	113 15 18,69	22,00	+ 3,31	0,53	2,25
16	32 18,50	18,3	— 0,20	113 18 31,32	32,00	+ 0,68	0,02	
18	42 10,28	10,4	+ 0,12	113 23 25,08	29,00	+ 3,92	4,28	
19	45 37,16	36,8	— 0,36	113 25 12,34	15,00	+ 2,66	2,82	0,60
20	50 3,58	3,3	— 0,28	113 26 29,07	33,00	+ 3,93	2,60	
21	54 30,76	29,9	— 0,86	113 27 19,41	22,00	+ 2,59		0,47
22	58 57,11	56,7	— 0,41	113 27 39,43	42,00	+ 2,57	0,98	0,29
23	18 3 23,72	23,4	— 0,32	113 27 31,82	35,00	+ 3,18	3,11	0,33
24	7 50,50	50,2	— 0,30	113 26 57,48	59,00	+ 1,52	0,59	
25	12 17,36	16,9	— 0,46	113 25 52,44	56,00	+ 3,56	0,67	
26	16 43,97	43,5	— 0,47	113 24 17,89	23,00	+ 5,11	0,46	
27				113 22 18,55	22,00	+ 3,45		
29	30 3,20	2,4	— 0,80	113 16 50,47	57,00	+ 6,53	2,62	
30	34 28,66	28,3	— 0,36	113 16 32,01	31,00	— 1,01	1,24	
31				113 9 34,27	38,00	+ 3,73		

Referring to the determinations of the Sun's Semidiameter Vols. I. & II., we get:

		Sun's Mean Semidiameter. Horizontal.		Vertical.	
		′	"	′	"
From 184 Observations in 1831		16	1,15		
From 258 ———	1832		1,52		
From 257 ———	1835		1,30		
From 266 ———	1834, 1835.		1,82		
— 141 ———			----	16	1,59
Mean		16	1,48	16	1,59

The value here given for the *Horizontal* Semidiameter it will be observed is dependant, upon and varies with the observer, whereas the *Vertical* Semidiameter which is not so dependant, is I apprehend a very accurate determination.

We will now select fom the foregoing those observations made near to the Summer and Winter Solstices, and proceed to compute the value of the Obliquity of the Ecliptic—thus

Observations of the Sun made near to the Summer Solstices of 1834 *and* 1835 *applied to the determination of the Obliquity of the Ecliptic.*

1834	N. P. D.	Reduction.	⊙'s Lat.	Solsticial N. P. D.	Correction for ☽r Nut.	Correction for ⊙r Nut. $+\frac{t.\ 0''.46}{365}$	Mean Solsticial N. P. D. reduced to Jan. 1.
	° ′ ″	° ′ ″	″	° ′ ″	″	″	° ′ ″
June 2	67 51 35 93	1 19 19,36	−0 54	66 32 16,03	+ ,48	— 0,63	66 32 15,88
3	67 43 47 41	1 11 33,08	0,51	13 82	,49	,64	13 67
4	67 36 28,37	1 4 9 95	0 45	17,97	,50	,65	17 82
6	67 22 49,22	0 50 34,43	0,26	14 52	,51	,67	14 36
9	67 5 24,09	0 33 9,66	+0 10	14 53	,54	,70	14,37
10	67 0 25,48	0 28 9,36	0,21	16 33	,55	,70	16 18
11	66 55 51,19	0 23 33 60	0,30	17,89	,56	,71	17 74
13	66 47 55,11	0 15 34,75	0,44	20,80	,57	,73	20 64
16	66 38 58 00	0 6 41 07	0,42	17,35	,60	,74	17,21
17	66 36 49 95	0 4 32,57	0 36	17,74	,61	,75	17 60
18	66 35 4,26	0 2 48 70	0,28	15,84	,62	,75	15,71
22	66 32 18,43	0 0 1.20	−0,20	17,03	,67	,76	16 94
23	66 32 43 31	0 9 21 28	0,32	21 71	,68	,76	21.63
24	66 33 26,33	0 1 6 18	0 43	19 72	,69	,76	19,65
25	66 34 34 35	0 2 15,92	0,51	17.92	,70	,76	17 86
26	66 36 10 78	0 3 50,19	0.59	20,00	,71	,76	19 95
27	66 28 5,13	0 5 49 23	0 64	15,26	,72	,76	15.22
28	66 40 34 43	0 8 12 97	0 67	20,79	,73	,75	20,77
29	66 43 24,00	0 11 1,22	0 63	22 15	,74	,75	22,14
July 2	66 54 12,17	0 21 52,62	0.46	19 09	,76	,74	19,11
4	67 3 28 79	0 31 8 52	0,25	20 02	,78	,73	20 07
6	67 14 17,13	0 41 59 57	0 01	17.55	,79	,71	17,63
7	67 20 18,59	0 47 2,86	+0,10	15,83	,80	,70	15.93
10	67 40 48 63	1 8 27 93	0,33	21.03	,84	,67	21,20
12	67 56 18,01	1 24 0,84	0 36	17,53	,86	,66	17 73
13	68 4 40 25	1 32 21 70	0 34	18,79	,87	,65	19 01
14	68 13 20 81	1 41 4 84	0,28	16 25	,88	,64	16 49
15	68 22 25,75	1 50 10,07	0,20	15,88	0 89	,62	16,15
1835							
May 29	68 28 40 39	1 56 26,09	+0 25	66 32 14 55	+ 3,48	— ,57	66 32 17,46
30	68 19 20,43	1 47 3,18	0,36	17,61	,49	,58	20 52
31	68 10 19 48	1 38 2,82	0,44	17.10	,50	,60	20 00
June 1	68 1 38 46	1 29 24,83	0,52	14 15	,51	,61	17,05
2	67 53 27.14	1 21 12 13	0,55	15 51	,52	,63	18,40
3	67 45 31.71	1 13 18 53	0,57	13 75	,53	,64	16 64
4	67 38 6 37	1 5 50 20	0 56	17 73	,54	,65	20 62
5	67 31 1,59	0 58 45,40	0,53	16 72	,55	,66	19 61
7	67 18 2,41	0 45 46 60	0 36	16,17	,57	,68	19,06
8	67 12 10 39	0 39 54 33	0 24	16 30	,58	,69	19,19
10	67 1 36 35	0 29 17 63	- 0 01	18 71	,60	,71	21,60
13	66 48 44 33	0 16 26 30	0,06	17 97	,61	,73	20,85
14	66 45 16 45	0 12 58 10	0 44	17 91	,62	,73	20.80
19	66 34 2,69	0 1 46,15	0,50	16,04	,66	,75	18,95

1835	N. P. D.	Reduction.	⊙'s Lat.	Solsticial N. P. D.	Correction for ☽r Nut.	Correction for ⊙r Nut. $+t.0''.46/365$	Mean Solsticial N. P. D. reduced to Jan. 1.
	° ′ ″	° ′ ″	″	° ′ ″	″	″	° ′ ″
June 20	66 33 1,01	0 0 45,98	—0,43	66 32 14 60	+ 3,67	— 0,75	66 32 17,52
21	66 32 27,93	0 0 10,62	0,35	16,98	,68	,76	19,90
23	66 32 30,98	0 0 14 38	0,13	16 47	,70	,76	19,41
25	66 34 10,36	0 1 57,42	+0,10	13 04	,72	,76	16,00
26	66 35 42,66	0 3 26,08	0 21	16 79	,73	,76	19 76
29	66 43 33,36	0 10 20,27	0 42	13,51	,75	,75	16,51
30	66 45 43,52	0 13 27,60	0,44	16,36	,76	,75	19.37
July 1	66 49 15,79	0 16 59,25	0,43	16 97	,77	,74	20 00
2	66 53 12,43	0 20 55,07	0 40	17,76	,78	,74	20.80
3	66 57 31,13	0 25 15,40	0,33	16,06	,79	,73	19 12
4	66 2 15,61	0 29 59,58	0,26	16 29	,80	,72	19 37
7	67 18 52 93	0 46 36 08	—0,11	16,74	,82	,70	19,86
8	67 25 12 68	0 52 55 23	0.24	17.21	,83	,69	20,35
9	67 31 53,73	0 58 36,53	0,36	16,84	,84	,68	20 00
11	67 46 30 52	1 14 12,43	0,56	17 53	,86	,66	20,73
12	67 54 21 98	1 22 5,84	0,64	15,50	,87	,66	18 71
13	68 2 35 02	1 30 21,13	0,68	13,21	,88	,65	16 44
16	68 29 37,19	1 57 21,20	—0,65	15,34	,91	.61	18 64

Observations of the Sun made near to the Winter Solstices of 1834 *and* 1835 *applied to the determination of the Obliquity of the Ecliptic.*

1834	N. P. D.	Reduction.	⊙'s Lat.	Solsticial N. P. D.	Correction for ☽r Nut.	Correction for ⊙r Nut. $+t\ 0,''46/365$	Mean Solsticial N. P. D. reduced to Jan. 1.
	° ′ ″	° ′ ″	″	° ′ ″	″	″	° ′ ″
Jan. 2	112 57 49,61	0 29 44 76	+0,89	113 27 35,26	+ 0,76	+ 0,49	113 27 36,51
4	46 22,89	0 41 10 90	,85	34 64	0 75	,47	35,86
5	40 1,00	0 47 34 66	,78	36,44	0,74	,46	37,64
6	33 11,50	0 54 24,08	,70	36 28	0.73	,46	37,47
7	25 53,72	1 1 43,12	,60	37,44	0,71	,45	38 60
8	18 8 65	9 27,'0	,48	36,43	0,70	,44	37,57
10	1 23,52	26 14,60	,24	38 36	0,69	,43	39,48
11	111 52 19,87	35 16,88	,13	36 88	0,68	,41	37 97
12	42 53 86	44 44,86	,03	38.75	0,67	,40	39,82
14	22 42 40	2 4 58,52	—0 12	40,80	0,65	,39	41,84
15	11 58,43	2 15 39,13	—0,17	37.39	+ 0,64	,37	38,40
Dec. 16	113 19 9 72	0 8 27,45	+0 16	37 33	— 2,16	,95	36,12
17	21 43 02	5 52,50	,28	35 80	2,17	,96	34,59
18	23 53 76	3 45,58	,38	39,72	2,18	,97	38,51
19	25 29,21	2 6,85	,48	36,54	2,19	,98	35 31
20	26 41 89	0 56 28	,56	38 73	2 20	,98	37 52
23	27 23 56	0 14 32	,59	38 47	2,22	,99	37.24
24	26 39 35	0 56;98	,54	36 87	2;23	,98	35 62
25	25 28 44	2 7 95	,48	36,87	2,24	,98	35,61
26	23 52 73	3 47 26	,39	40,38	2 25	,97	39.10
27	21 44 57	5 54,10	,28	38 95	2 26	,97	37,66
31	8 30,79	19 6,35	—0,18	36,96	2,29	,96	35,63
1835							
Jan. 3	112 53 47 38	0 33 53,62	—0 39	113 27 40 61	— 2,33	+ 0,48	38 76
5	41 39,00	46 0,52	,41	39,11	2,35	,47	37,23

1835	N. P. D.	Reduction.	⊙'s Lat.	Solsticial N. P. D.	Correction for ☽r Nut.	Correction for ⊙r Nut. $+t.0''{,}46$ / 356	Mean Solsticial N. P. D. reduced to Jan. 1.
	° ′ ″	° ′ ″	″	° ′ ″	″	″	° ′ ″
Jan. 6	112 34 58,45	0 52 44 96	−0 38	113 27 43,03	— 2,36	+ 0,46	113 27 41,13
7	27 43 32	59 56 03	,33	39,02	2 37	,45	37,10
9	12 4 29	15 37,85	,15	41 99	2 38	,43	40,04
15	14 44 29	13 0,14	,55	43,88	2,43	,35	41,80
Dec. 1	111 43 32,55	44 7,26	,63	39,18	4 89	,83	35,12
2	111 52 56 93	34 44,83	,54	41,22	4,90	,84	37 16
3	112 1 55,44	25 45.30	,41	40.33	4 91	,86	36 28
4	10 30,24	1 17 11,77	,28	41,73	4 92	,87	37 68
8	40 17,85	0 47 20,50	+0,13	38,48	4 95	,91	34 44
9	46 41,14	40 58,85	,20	40,19	4 96	,92	36 15
10	52 40,98	34 4,15	,24	45 37	4,97	,93	41.33
11	58 2,84	29 36,43	,24	39,51	4 98	,94	35 47
13	113 7 35,21	20 2 56	,17	37,94	4 99	,95	33 90
15	15 18,69	12 19,60	,00	38,29	5,00	,97	34,26
16	18 31,32	9 9 60	−0,11	40 81	5,01	,98	36,78
18	23 25,08	4 13,88	,34	38 62	5,03	,99	34 58
19	25 12,34	2 28,20	,45	40,09	5,03	,99	36,05
29	26 29,07	1 10 78	,56	39 29	5,04	1,00	35 25
21	27 19,41	0 21 63	,64	40 40	5 05	1,00	36 35
22	27 39,43	0 0 77	,70	39,50	5 06	1,00	35 44
23	27 31,82	0 8,27	,74	39 35	5,06	1,00	35 29
24	06 57,48	0 44,15	,76	40,87	5,07	0,99	36,79
25	25 52,44	1 48,64	,74	40 34	5 08	,99	36,25
26	24 17,89	3 20,84	,71	38,02	5,09	,98	33 91
27	22 18,55	5 21 50	,64	39.41	5 09	,98	35 30
29	16 50,47	10 47.48	,44	37,51	5.10	,97	33 38
30	16 32,01	14 12 53	,33	44.21	5.11	,97	40 07
31	9 34,27	18 5,42	,19	39 50	5,12	,96	35,34

Taking the mean, and referring to the former determinations we find

				Mean Obliquity January 1 1835. Summer Obs.	Winter Obs.
				° ′ ″	° ′ ″
from	observation	in	33 1831	23 27 58,57	
——	——	—	36 ——		23 27 37,14
——	——	—	33 1832	42,21	
——	——	—	40 ——		37,82
——	——	—	33 1833	40,37	
——	——	—	47 ——		38,15
——	——	—	28 1834	41,67	
——	——	—	22 ——		37,00
——	——	—	32 1835	40,58	
——	——	—	30 ——		36,56
	Mean			23 27 40,68	23 27 37,33

The disagreement here formed no doubt arises from error in the Latitude of Madras or Greenwich—taking the mean we get

The Mean Obliquity Jan. 1, 1835 = 23° 27′ 39″,00.

From the observations of the Sun near to the Equinoxes we will now proceed to compute the error of the assumed Equinoctical point.

Observations of the Sun near to the Vernal Equinox of 1835, *applied to the determination of the error of the assumed Equinoctial Point.*

1835	Observed N. P. D.	Cor.	N. P. D. corrected for ⊙'s Latitude.	Computed A. R.	Observed A. R.	Error of Eq. Point.	Remarks.
	° ′ ″	″		h. m. s.	m. s. ″	″	
Feb. 12	103 53 44,05	+0,62	103 53 44,67	21 40 59 66	40 59,24	—0,42	
13	103 33 48,51	0 68	103 53 49,19	21 44 55,10	44 54 50	− 0 60	
14	103 13 38,09	0,70	103 13 38 79	21 48 50,11	48 49 56	—0,55	
15	102 53 19 25	0,70	102 53 19,95	21 52 43 53	52 43 92	+0 39	
16	102 32 40,70	0 67	102 32 41,37	21 56 36 47	56 37,22	+0,75	
17	102 11 53,50	0,62	102 11 54,12	22 0 30,32	0 29 86	−0,46	
18	101 50 58,93	0,55	101 50 59,48	22 4 21 56	4 21,65	+0,09	
19	101 29 49,11	0,46	101 29 49,57	22 8 12,85	8 13 07	+0,22	
20	101 8 27 91	0,34	101 8 28,25	22 12 3,55	12 3.51	−0,04	
21	100 46 56,72	0,24	100 46 56,96	22 15 53,52	15 53 67	+0,15	
22	100 25 17 19	0,13	100 25 17,32	22 19 42 55	19 42,79	+0,24	
23	100 3 27,25	+0,03	100 3 27,28	22 23 31,09	23 31 71	+0,62	
24	99 41 28,58	—0,07	99 41 28,51	22 27 19,01	27 19 82	+0 81	
25	99 19 17,40	0,16	99 19 17,24	22 31 6,84	31 7 90	+1,06	
26	98 56 56 51	0,22	98 56 56 29	22 34 54 34	34 54 91	+0.57	
27	98 34 28,72	0,25	98 34 28,47	22 38 41,07	38 40 80	—0,27	
28	98 11 57 34	0,26	98 11 57,08	22 42 26 54	42 26 45	− 0,09	
Mar. 2	97 26 34 68	0,21	97 26 34 47	22 49 55,74	49 55,85	+0.11	
3	97 3 40,88	0,15	97 3 40,73	22 53 40 08	53 40,18	+0,10	
4	96 40 40,42	0,07	96 40 40,35	22 57 23,98	57 24 58	+0 60	
5	96 17 35 22	+0,03	96 17 35,25	23 1 7 28	1 7,71	+0,43	
6	95 54 28 16	0,14	95 54 28,30	23 4 49 61	4 50 37	+0,76	
7	95 31 13 56	0,25	95 31 13 81	23 8 31,95	8 32 72	+0,77	
8	95 7 56,87	0 36	95 7 57 23	23 12 13,51	12 14,28	+0 77	
9	94 44 35,80	0,46	94 44 36,26	23 15 54,74	15 55,77	+1 03	
10	94 21 7,35	0 55	94 21 7,90	23 19 36,20	19 37 06	+0 86	
12	93 34 1,19	0 69	93 34 1 88	23 26 58 05	26 58 33	+0,28	
13	93 10 27,42	0,71	93 10 28,13	23 30 38 00	30 37,94	−0,06	
14	92 46 50 52	0,71	92 46 51,23	23 34 17,79	34 17,84	+0 05	
15	92 23 15 39	0,70	92 23 16,09	23 37 57,02	37 57,21	+0,19	
16	91 59 33,43	0 64	91 59 34 07	23 41 36,43	41 36,88	+0 45	
17	91 35 55 05	0,56	91 35 55,61	23 45 15,10	45 16 07	+0,97	
18	91 12 10 61	0,47	91 12 11,08	23 48 54,37	48 54 44	+0,07	
19	90 48 33,07	0,31	90 48 33,38	23 52 32 38	52 33 73	+1.35	
20	90 24 51,53	0,25	90 24 51 78	23 56 10 74	56 12 11	+1.37	
21	90 1 12,15	0 15	90 1 12,30	23 59 48,90	59 50,40	+1.50	
22	89 37 23 47	+0,05	89 37 23,52	0 3 28,37	3 28,67	+0 30	
23	89 13 47,63	−0,05	89 13 47 58	0 7 5,94	7 6 72	+0,78	
24	88 50 7,56	0,15	88 50 7,41	0 10 44,32	10 44,71	+0,39	
25	88 26 28 95	0 21	88 26 28 74	0 14 22,80	14 22 94	+0,14	
26	88 2 55 73	0 26	88 2 55 47	0 18 0,50	18 0,64	+0,14	
27	87 39 24 02	0 27	87 39 23,75	0 21 38,49	21 38 36	− 0,13	
28	87 15 55,52	0,25	87 15 55,27	0 25 16 41	25 16 68	+0,27	
29	86 52 32 06	0,23	86 52 31,83	0 28 54,06	28 54 59	+0,53	
30	86 29 7,36	0,17	86 29 7,19	0 32 32,51	32 33,17	+0,66	
31	86 5 51 42	0,10	86 5 51,32	0 36 10,27	36 10,65	+0,38	
April 6	83 47 46 29	+0 52	83 47 46,81	0 58 0,99	58 1,44	+0 45	
7	83 25 7 25	0 59	83 25 7 84	1 1 39,99	1 40.78	+0 79	
12	81 33 31,60	0 62	81 43 32,22	1 19 58,53	19 58,74	+0,21	
13	81 11 36,82	+0,55	81 11 37,37	1 23 39,22	23 39,30	+0,08	

1835	Observed N. P. D.	Cor.	N. P. D. corrected for ⊙'s Latitude.	Computed A. R.	Observed A. R.	Error of Eq. Point.	REMARKS.
	° ′ ″	″		h. m. s.	m. s. ″	″	
April 14	80 49 54 32	+0,46	80 49 54 78	1 27 19 42	27 20 14	+0 72	
15	80 28 21,34	0 36	80 28 21,70	1 30 59 88	31 0 74	+0 86	
16	80 6 53 11	0 25	80 6 53,36	1 34 41,46	34 42,48	+1,02	
18	79 24 28 37	0,04	79 24 28 41	1 42 5 39	42 5,88	+0,49	
19	79 3 26 40	—0,07	79 3 26 33	1 45 48 83	45 48,77	—0 06	
20	78 42 38 39	0,16	78 42 38,23	1 49 32,10	49 31,65	— 0,45	

Observations of the Sun near to the Autumnal Equinox of 1835, *applied to the determination of the error of the Equinoctial point.*

1835	Observed N. P. D.	Cor.	N. P. D. corrected for ⊙'s Latitude.	Computed A. R.	Observed A. R.	Error of Eq. Point.	REMARKS.
	° ′ ″	″		h. m. s.	m. s. ″	″	
Aug. 31	81 5 24,39	—0.36	81 5 24,03	10 35 18,09	35 18,77	+0,68	
Sept. 16	87 4 51,81	0 04	87 4 51 77	11 33 0 79	33 1,33	+0,54	
17	87 28 2,20	+0 04	87 28 2,24	11 36 36,13	36 36,82	+0,69	
18	87 51 16,50	0,09	87 51 16,59	11 40 11,64	40 12.01	+0,37	
20	88 37 48 85	0,14	88 37 48,99	11 47 22 06	47 22,73	+0 67	
22	89 24 37 99	0,08	89 24 38 07	11 54 34,02	54 33,79	—0 23	
24	90 11 30 60	—0,07	90 11 30 53	12 1 46 07	1 45 40	— 0 67	
25	90 34 54,14	0 18	90 34 53 96	12 5 21,34	5 21.57	+0,23	
26	90 58 16 62	0,28	90 58 16,34	12 8 51,23	8 57 22	— 0,01	
27	91 21 42,80	0,39	91 21 42.41	12 12 33,49	12 33,93	+0 44	
28	91 45 5,01	0 49	91 45 4 52	12 16 9,48	16 9 91	+0 43	
Oct. 3	93 41 52,14	—0,86	93 41 51,28	12 34 15,11	34 15 84	+0 73	
8	95 37 37,43	0,63	95 37 36,80	12 52 28 97	52 28,83	—0,14	
9	96 0 31,12	0,52	96 0 30 60	12 56 8,30	56 8 68	+0,38	
10	96 23 21,26	0,42	96 23 20,84	12 59 48 25	59 48,86	+0,61	
11	96 46 9 97	0 31	96 46 9 66	13 3 29,25	3 29,49	+0 24	
12	97 8 50 07	0 20	97 8 49,87	13 7 10,20	7 10 87	+0 67	
13	97 31 28,55	0 10	97 31 28 45	13 10 52 35	10 52 55	+0 20	
14	97 53 54 47	0 02	97 53 54,45	13 14 33 95	14 34 54	+0 59	
15	98 16 19,64	+0,05	98 16 19,69	13 18 17,05	18 17,78	+0 73	
16	98 38 33,79	0,09	98 38 33,88	13 22 0,02	22 0,83	+0,81	
17	99 0 44,27	0,11	99 0 44,38	13 25 44 15	25 44,81	+0 66	
18	99 22 50,73	0,11	99 22 50,84	13 29 29 50	29 29,40	—0.10	
19	99 44 44 29	0 07	99 44 44 36	13 33 14 65	33 14.64	—0,01	
20	100 6 26,84	0,02	100 6 26 86	13 36 59 98	37 0 36	+0 38	
23	101 10 46,41	—0,27	101 10 46 14	13 48 20,98	48 21.12	+0,14	
24	101 31 53,96	0 38	101 31 53 58	13 52 9,46	52 10,03	+0,57	
26	102 13 35 07	0,59	102 13 34 48	13 59 48,11	59 49,00	+0,89	
27	102 34 12,55	0 69	102 34 11 86	14 3 39,20	3 39 63	+0 43	

If we now refer to Vols. I and II, for the former determinations and take the mean we have.

from observations made near to the

		Vernal Equinox.	Autumnal Equinox.	Mean.
		s	s.	s.
1831 from 19 observations		+ 055	+ 267	+,161
—— 17	——			
1832 50	——	—,140	+,399	+,130
—— 48	——			
1833 43	——	—,046	+,325	+,140
—— 29	——			
1835 56	——	* +,392	+,376	
—— 29	——			

* To account for this enormous difference from the results of the three preceding years, it is necessary to suppose, either that the whole mass of observed Right Ascensions of the Sun are fourth tenth of a second in error, or that the Observations of N. P. D. are erroneous to the amount 2″3; or, which is by far the most probable; that the A. R. and N. P. D. are *both* erroneous —— that the A. R. should be erroneous to the amount of one tenth of a second, or even a tenth and a half, is a matter not much to be wondered at considering that the Instrument was only newly erected (it having been under repairs at Calcutta during the preceding eleven months) when the Assistants from having been out of practice might probably at first have practised a different mode of estimating the time of contact of the Sun's Limb and the wire, from that which after a little experience would become natural and proper—with regard to the measures of North Polar Distance; here too some slight cause for disagreement is found in the fact of *both* limbs of the Sun having been observed, whereas the observations at the former Equinoxes were made with reference to *one* limb only; now the difference which may be expected to arise from the observations of both limbs of the Sun instead of one, arises from the additional length of time during which the Instrument is exposed to the Sun's action,—for the observation of one limb, the Instrument is generally exposed about twenty seconds; and for the above observations of both, limbs for about one minute and twenty seconds: towards the middle of 1835, fearful that so long an exposure to the Sun's rays might affect the readings, I caused the shutter to be closed immediately after making the first contact of the Sun's limb with the wire, and opened again only for a few seconds when the second bisection was to be made; by this arrangement, in the observations of both limbs made since June 1835, the Instrument has been exposed for an interval not exceeding thirty seconds—under these circumstances, whether the above reason may seem sufficient or no to explain the cause of the disagreement just met with, it will for the present be better to exclude the result—taking the mean of the three determinations at the Vernal

Equinox and the four results from the observations near the Autumnal Equinox, we have

	s.
from Vernal Equinox	—,070
— Autumnal ——	+,358

giving to each result the same weight, it appears that the error of the assumed Equinoctial point = + 0s,144 or, that the determinations of A. R. in this book as well as in Vols. I and II should be decreased by this amount.—Now the place of the Equinox assumed in the above computation being M+s,20 (Dr. Maskelyne +0s,20) it appears that

	s.
The true place of the Equinox from the Madras Observations	=M +,06
and it will not be uninteresting to add Cambridge ——	=M +,13
Konigsberg ——	=M +,13

It is a matter not undeserving of notice although chance *may* occasion the facts, that

	Error of Eq. Point as used by Maskelyne. s.
the Greenwich observations for 1811— 20 give	—0 31
—— —— — 1820— 27 —	—0,21
the mean of the above from obs. 1832—1835 —	—0,11

Observed Right Ascension and North Polar Distance of Mercury, compared with the places interpolated from the Nautical Almanac.

1834	Madras Mean Time of Observations	A. R. from Observations.	A. R. from N. A.	Error of N. A.	N. P. D. from Observations.	N. P. D. from N. A.	Error of N. A.	Remarks.
	h. m. s.	h. m. s.	′ ″	″	° ′ ″	° ″	″	
Jan. 16	22 58 26 2	18 43 6 06	43 5,92	—0 14	113 45 30 50	45 35 70	+5 20	
17	23 0 58 7	49 36 32	48 36 45	+0 13	113 45 2 55	45 10,10	+7 55	
19	23 6 15 3	19 2 45,39	2 45,15	+0 24	113 40 18,11	40 26,15	+8,04	
22	23 14 23,9	22 45 12	22 45 19	+0 07	113 23 20 25	23 30,20	+9 95	
24	23 19 58 7	36 14 08	36 14,38	+0 30	113 5 20,85	5 27,47	+6 62	
26	23 25 40,7	49 50,13	49 50 00	—0 13	112 41 48,29	41 51,68	+3,39	
27	23 28 33 5	56 39 93	56 39 55	—0,38	112 27 51 52	27 57,01	+5,49	
29	23 34 24,5	20 10 23,46	10 23,20	—0,26	111 55 47,16	55 50,10	+2,94	
Feb. 2	23 46 12 9	38 1,69	38 1.76	+0,07	110 34 9,48	34 11,03	+1,55	
18	0 31 48,7	22 22 52 84	22 52 36	—0 48	101 57 25,01	57 30 92	+5 91	
19	0 34 50,1	29 51 66	29 51 39	—0 27	101 11 34 54	11 36 34	+1,80	
20	0 37 50 7	36 49 02	36 49 15	+0,13	100 24 32 29	24 29 94	—2,35	
21	0 40 49 9	43 45.59	43 45,67	+0 08	99 36 12 72	36 11,90	—0,82	
23	0 46 43,0	57 32,34	57 31.80	—0.54	97 56 21,19	56 24,10	—2,91	
24	0 49 34,9	23 4 21 41	4 21,76	+0,35	97 5 7,50	5 6 10	—1 40	
25	0 52 23.6	11 7 61	11 7,49	—0,12	96 13 3,03	13 2,35	—0,68	
26	0 55 8,1	17 48,50	17 48,84	+0,34	95 20 24 21	20 20.80	—3,41	
27	0 57 46 4	24 25,23	24 24,82	—0.41	94 27 17,52	27 13,40	—4,12	
28	1 0 18.7	30 54 51	30 54,75	—0.46	99 33 50,41	33 53 10	+2,69	
March 1	1 2 45,7	37 16 50	37 16,32	—0,18	92 40 30.29	40 34.10	+3,81	
3	1 8 6,4	50 32,19	49 32 10	—0,09	90 54 45,40	54 46 10	+0 70	
4	1 8 59,8	55 22,42	55 23,36	—0 06	90 2 56 85	2 58 40	+1,55	

1835		Madras Mean Time of Observations.	A. R. from Observations.	A. R. from N. A.	Error of N. A.	N. P. D. from Observations.	N. P. D. from N. A.	Error of N. A.	REMARKS.
		h. m. s.	h. m. s.	′ ″	″	° ′ ″	′ ″	″	
Feb.	13	0. 8 28,0	22 38 58 94	38 58,87	−0,07	——	——	—	
	15	1 12 41,6	22 51 6,71	51 6 09	−0 62	——	——	—	
April	28	22 48 41 5	1 14 31,91	14 31,16	−0,75	84 38 43,36	38 43.50	+0.14	
	30	22 53 38 1	1 27 22,11	27 21,46	−0 65	83 10 11 29	10 16 90	+5,61	
May	1	22 56 17,8	1 33 58,69	33 58,32	−0,37	82 24 57,79	24 59 10	+1.31	
	10	23 26 33,6	2 39 47,47	39 47,38	−0,09	75 18 57,77	19 0,70	+2,93	
June	19	1 49 29 1	7 36 52,65	36 52,82	+0,17	——	——	—	
Sept.	26	0 59 59 7	13 17 34,13	17 34 04	−0,09	99 6 4,23	6 5,20	−0,97	
	27	1 1 22 7	13 22 54,09	22 53,76	−0,33	99 45 51,35	9 54,10	+2,75	
	28	1 2 43 2	13 28 11,09	28 11,06	−0,03	100 25 4,56	23 3,10	−1,46	
Oct.	17	1 17 18 0	14 57 42,77	57 42,81	+0,04	——	——	—	
	23	1 13 41 8	15 15 52,23	15 52,28	+0,05	——	——	—	
Nov.	23	22 29 10,6	14 38 57,41	38 59 03		——	——	—	
	24	22 29 8,8	14 42 52,50	42 52,61	+0,11	103 20 51,26	20 50,00	−1,26	
	27	22 30 42,1	14 56 15,32	56 15,00	−0.32	——	——	—	
Dec.	3	22 38 42,0	15 27 56,40	27 56,32	−0,08	——	——	—	
	11	22 55 6,7	16 15 55,76	15 56.00	+0,24	——	——	—	
	17	23 10 0,6	16 54 30 35	54 30 54	+0,19	112 48 33,59	48 39,80	+6,21	
	24	23 29 23,0	17 41 32 41	41 31,82	−0,59	——	——	—	
	25	23 32 17,0	17 48 24,17	48 23,84	−0,33	114 29 8,68	29 10,30	+1,62	
	28	23 41 14,0	18 9 11,47	9 11,25	−0,22	——	——	—	
	29	23 44 15,5	18 16 10,63	16 10,53	−0,10	——	——	—	

Observed Right Ascension and North Polar Distance of Venus, &c.

1834		Madras Mean Time of Observations.	A. R. from Observations.	A. R. from N. A.	Error of N. A.	N. P. D. from Observations.	N. P. D. from N. A.	Err or of N. A.	REMARKS.
		h m. s.	h. m. s.	′ ″	″	° ′ ″	′ ″	″	
Jan.	16	23 19 3,3	19 3 46,49	3 45,83	−0,66	112 59 14 29	59 17,10	+2,81	
	17	23 20 34,6	19 9 12,79	9 12,60	−0,19	112 53 2,21	53 3.20	+0 99	
	19	23 23 31.5	19 20 4 42	20 3 65	−0,77	112 38 27,42	38 29 20	+1.78	
	21	23 26 26 0	19 30 52 77	30 52,24	−0,53	112 21 8 66	21 8 30	−0,36	
	24	23 30 42,6	19 46 59,76	46 59 35	−0,41	111 49 59 01	50 1 50	+2 49	
	26	23 33 29 6	19 57 40 29	57 39,76	−0 53	111 25 57 29	25 57 20	−0 09	
	27	23 34 51,5	20 2 58.92	2 58 52	−0 40	111 12 56 84	12 57 00	+0,16	
	29	23 37 34,1	20 13 33.59	13 32,99	−0 60	110 44 4 66	45 2,30	−2,36	
Feb.	2	23 42 41,2	20 34 29 38	34 29,11	−0,27	109 41 58 20	41 55,00	−3 20	
	6	23 47 31 9	20 55 7 48	55 6 86	−0,62	108 29 31 71	29 34,00	+2 29	
	10	23 52 2 9	21 15 25,50	15 25 29	−0 21	107 8 46 95	8 43,20	−3 75	
	11	23 53 34 4	21 20 27,42	20 27 21	−0,21	106 47 16 56	47 15,70	−0 86	
	14	23 56 14 6	21 35 24,02	35 24,16	+0,14	104 40 8,64	40 8,40	−0 24	
	17	23 59 10,7	21 50 10,26	50 10,59	+0,33	104 29 8,44	29 6,60	−1.84	
	18	0 0 8,1	21 55 3,65	55 4,87	+0,22	104 4 34,51	4 37,60	+3 09	
	19	0 1 1,4	21 59 55 65	59 55,72	+0,07	103 39 41,73	39 45,70	+3 97	
	22	0 3 40,9	22 14 24,99	14 25 06	+0,07	102 22 59,96	23 59,80	−0,16	
	23	0 4 34,4	22 19 12,57	19 12,73	+0 16	——	56 43,70	—	

1835	Madras Mean Time of Observation.	A. R. from Observation.	A. R. from N. A.	Error of N. A.	N. P. D. from Observation.	N. P. D. from N. A.	Error of N. A.	REMARKS
	h. *m.* *s.*	*h.* *m.* *s.*	′ ″	″	° ′ ″	′ ″	″	
Feb. 3	21 11 52,8	18 6 8,98	6 7,39	—1,59	108 20 28,79	20 36,50	+7 71	2 Limb.
4	21 10 52.8	18 9 9,14	9 7,44	—1,70	108 24 4,89	24 12,80	+7,91	”
5	21 9 57,7	18 12 13,75	12 12,00	—1,75	108 27 35,75	27 42 60	+6 85	”
9	21 7 12 0	25 13,68	25 12,19	—1,49	108 40 1,36	40 8 60	+7,24	”
10	21 6 40.3	28 38,64	28 36 96	—1,68	108 42 40,25	42 42 60	+2,35	”
12	21 5 47,8	35 38,49	35 36,99	—1,50	108 47 9,67	47 15,00	+5,33	”
13	21 5 26,3	39 13,76	39 12,17	—1,59	108 48 58 90	49 5,40	+6,50	”
20	21 4 18,9	19 5 41,85	5 40,37	—1,48	108 52 46,02	52 52,50	+6,48	”
23	21 4 25,8	17 39,27	17 38,28	—0,99	108 48 43,87	48 51,10	+7,23	”
24	21 4 33,2	21 42,92	21 41,71	—1,21	108 46 34,16	46 10 50	+6,34	”
March 10	21 8 41,3	20 21 3,98	21 2,80	—1,18	107 28 2,82	28 6 00	+3,18	”
23	21 14 45,5	21 18 23,54	18 22,40	—1,14	114 51 10 64	51 10,20	—0 44	”
April 9	21 22 46,7	22 33 28,23	33 27,30	—0,93	99 35 51,64	35 49 40	—2 26	
26	21 29 46,3	23 47 30 23	47 29 41	—0,82	92 51 5,94	51 8 20	+2,26	
30	21 31 20.9	0 4 51 31	4 49 67	—1,64	91 8 2,92	8 5,00	+2 08	
May 1	21 31 43,5	9 11 26	9 9,77	—1,49	90 42 4,11	42 3,10	+1,01	
3	21 32 31,0	17 51 06	17 50,11	—0,95	89 49 47,45	49 44,00	—3,45	
4	21 32 53.9	22 10 88	22 10,57	—0,31	89 23 28,70	23 27,30	—1,40	
6	21 33 42 0	30 52 30	30 51,68	—0,62	88 30 46,60	30 48,80	+2.20	
7	21 34 6,7	35 13.08	35 12,64	—0,44	88 4 22,28	4 24 00	+1.72	
8	21 34 30 6	39 34,61	39 33,68	—0,93	87 37 56 85	37 59,10	+2 25	
10	21 35 21,5	48 17,53	48 17,16	—0,37	86 45 6 90	45 7 20	+0 30	
11	21 35 46,0	52 39,12	52 38 86	—0,26	86 18 42,27	18 41,80	—0,47	
14	21 37 4 3	1 5 47,51	5 47,30	—0,21	84 59 41,33	59 34,30	—7,03	
15	21 37 32 3	10 11,41	10 11,02	—0,39	84 33 20.05	33 17,30	—2,75	
17	21 38 27 8	19 0,14	18 59,93	—0 21	83 40 54 41	40 55,00	+0,59	
19	21 39 25 5	27 51.70	27 51 03	—0,67	82 48 51,27	48 52 90	+1,63	
20	21 39 55 6	32 18 31	32 17,48	—0 83	82 23 0,73	23 1,10	+0 37	
21	21 40 25 5	36 45,84	36 44,98	—0 86	81 57 17,99	57 14,30	—3.69	
22	21 37 56 9	41 13 30	41 11,81	—1,49	81 31 41,36	31 42 80	+1,44	
24	21 42 1,6	50 10,64	50 9,98	—0,66	80 40 59,82	40 52,10	—7,72	
25	21 42 —	———	—	—	80 15 48,98	15 44,50	—4,48	
26	21 43 8.4	59 10 87	59 10 57	—0.30	79 50 51,71	50 44 50	—7,21	
27	21 43 43,1	3 42.52	3 42,03	—0,49	79 26 1,06	25 57 40	—3,66	
28	21 44 19,2	8 15 71	8 15,32	—0 39	79 1 23,26	1 22,20	—1,06	
June 7	21 51 6 1	54 27,53	54 27,34	—0,19	75 9 8,35	9 5,10	—3,25	
8	21 51 51,3	59 10 43	59 10 14	—0,29	74 47 31.36	47 28 10	—3,26	
18	22 0 33 4	47 19 60	47 19 03	—0 57	71 31 45,25	31 50,00	+4 75	
19	22 1 32,1	52 15,17	52 14 30	—0,87	71 14 33,78	14 34 30	+0,52	
28	22 11 6,2	4 37 19 97	37 19 89	—0,08	69 1 24,02	1 25,10	+1 08	
29	22 12 15 8	42 25,79	42 25 93	+0,14	68 49 11,51	49 16,60	+5,09	
30	22 13 25 8	47 32,52	47 32 70	+0,18	68 37 40,20	37 42,20	+2,00	
July 1	22 14 36,8	52 39 55	52 40,38	+0,83	68 26 42,78	26 42 20	—0,58	
2	22 15 48 7	57 48,80	57 49,05	+0,25	68 16 16,44	16 17,10	+0,66	
3	22 17 1,2	5 2 58,37	2 58 72	+0 35	68 6 27,51	6 27.50	—0 01	
24	22 44 34 0	6 53 22,45	53 23 05	+0 60	67 7 15 22	7 15,30	+0 08	
26	22 47 14 6	7 3 57,24	3 57,44	+0,20	67 16 52,80	16 53,00	+0,20	
31	22 53 50,6	7 30 18.20	30 17 55	—0,65	67 52 31.50	52 34 50	+3,00	
Aug. 6	23 1 28 3	8 1 36 00	1 35 82	—0,18	68 56 40 57	56 43 50	+2 93	
19	23 16 25 7	9 7 45 14	7 44,88	—0 26	72 28 53,30	28 58 60	+5,30	
Sept. 2	23 29 17,6	10 15 56 74	15 56,30	—0,44	77 50 12,66	50 17,40	+4 74	
6	23 32 26 6	10 34 52,49	34 52 23	—0.26	79 35 40,12	35 38 90	—1.22	
7	23 33 11,7	10 39 34,11	39 34,00	—0,11	80 2 46 09	2 42,10	—3,99	

1835	Madras Mean Time of Observation.	A.R. from Observation.	A. R. from N. A.	Error of N. A.	N. P. D. from Observation.	N. P. D. from N. A.	Error of N. A.	REMARKS.
	h. m. s.	h. m. s.	′ ″	″	° ′ ″	′ ″	″	
Sept. 25	23 45 13,5	12 2 35 86	2 36 35	+0,49				
Oct. 16	23 58 19,3	13 34 34,50	34 33,59	−0 91	98 46 3 66	46 4 30	+0 64	
17	23 59 3,5	39 15 42	39 14,68	−0,74	99 14 56 67	14 52 90	−3 77	
19	0 0 34,4	48 39,80	48 39,10	−0,70	100 11 57,46	11 53 10	−4 36	
20	0 1 21.4	53 23,45	53 22,54	−0 91	100 40 5 25	40 2 30	−2 95	
23	0 3 47,2	14 7 39,17	7 38,33	−0 84	102 3 0,63	2 58 80	−1,83	
24	0 4 37,6	12 26,32	12 25 52	−0,80	102 30 2,91	30 3 60	+0 69	
Nov. 6	0 17 12 5	15 16 19 02	16 18,51	−0,51	107 49 48 80	49 50,80	+2,00	
7	0 18 19 1	21 22 30	21 21 67	−0 63	108 11 29 74	11 30,40	+0,66	
8	0 19 27,0	26 27,02	26 26 10	−0,92	108 32 38,22	32 39 70	+1 48	
9	0 20 35,8	31 32 34	31 31 79	−0,55	108 53 17,06	53 18 80	+1,74	
22	0 37 22 2	39 36,47	39 36 02	−0,45	112 30 38 62	30 40 20	+1,58	
23	0 38 47,3	44 58,37	44 57 87	−0,50	112 43 1,60	43 3 90	+2 30	
28	0 46 6,1	17 12 0 61	12 0,64	+0 03	113 34 37 57	34 39 30	+1,73	
Dec. 15	1 12 20 9	18 45 21,55	45 21,38	−0,17	114 13 34 40	13 34,00	−0 40	
19	1 18 27,3	19 7 15,49	7 15,06	−0,43	113 51 13,37	51 14,10	+0 73	
20	1 19 57 5	12 42 33	12 42,13	−0,20	113 43 46,70	43 48 40	+1 70	
21	1 21 26 9	18 9 09	18 8,30	−0,79	113 35 37,12	35 39,10	+1,98	
22	1 22 55,7	23 34,13	23 33 83	−0,30	113 26 48,44	26 46,40	−2,04	
23	1 24 23,5	28 58,72	28 58 50	−0,22	113 17 10 76	17 10 70	−0,06	
24	1 25 50 6	34 22 68	34 22 33	−0,35	113 6 51,88	6 52,50	+0 62	
26	1 28 41,8	45 7,77	45 7,10	−0 67	112 24 9 57	44 10.40	+0,83	
30	1 34 11,4	20 6 24,34	6 24,00	−0,34	111 50 39 04	50 37,90	−1,14	

Observed Right Ascension and North Polar Distance of Mars.

1835	Madras Mean Time of Observation.	A. R from Observation.	A. R. from N. A.	Error of N. A.	N. P. D. from Observation.	N. P. D. from N. A.	Error of N. A.	REMARKS.
	h. m. s.	h. m. s.	′ ″	″	° ′ ″	′ ″	″	
Feb. 1	9 29 22,1	6 13 57,31	13 56 58	−0,73	62 49 47,12	49 36 20	−10,92	
2	9 26 1,9	13 30 57	13 29,90	−0,67	62 50 51 27	50 37 40	−13,87	
4	9 16 27 5	12 47,79	12 47 64	−0,15	62 53 2,75	52 52.50	−10 25	
5	9 13 13,6	12 31,50	12 31.80	+0,30	62 54 14 77	54 4,10	−10,67	
7	9 4 1,7	12 10,99	12 10 69	−0,30	62 56 43.32	56 33 80	− 9 52	
10	8 52 2,3	12 4.82	12 4 77	−0 05	63 0 46 55	0 35 30	−11.25	
11	8 48 15,9	12 9 59	12 9,48	−0.11	63 2 9 48	1 59,70	− 9,78	
12	8 44 30,2	12 17,62	12 17,44	−0 18	63 3 35 13	3 25 70	− 9 43	
13	8 40 43 5	12 28,87	12 28,54	−0,33	63 5 2 74	4, 54,20	− 8 54	
14	8 37 1.3	12 42 59	12 42,87	+0,28	63 6 29 69	6 23 20	− 6 49	
March 9	7 24 27,6	30 38,54	30 38,35	−0,19	63 48 21 53	48 19 70	− 1 83	

In addition to the above, several observations have been made of the N. P. D. *only* of the Planet Mars, and of Stars situated near to his path at the time of opposition in 1834, 1835, ——; these Stars had been previously selected by the Royal Astronomical Society with a view, to determine the Parrallax of the Sun,— they are as follows ;—

Observed North Polar Distance of the Planet Mars and of Stars situated near to his path at the opposition of 1834 *and* 1835.

1834	NAMES.	Madras Mean Time.	Bar.	Thermometer. in	Thermometer. out	Observed N. P. D.	REMARKS.
		h. m.				° ′ ″	
Dec. 23	* (P) another * fol.		30,120	74,9	72,1	64 3 5,80	
	♂ N. L.	13 1,5				63 56 6,40	from 2 obs. at 15*s.* before and
	♂ S. L.					63 56 24 20	15*s.* after the mer. passage.
24	40 Geminor.		30,112	77,3	76,9	63 54 48 20	
	♂ N. L.	12 55 9	30,112	77,2	76,8	63 51 27,70	
	♂ S. L.					63 51 44 80	
25	♂ N. L.	12 50,3	30,102	77,7	77,8	63 46 54 25	from 2 obs. as above.
	♂ S. L.					63 47 12,30	
26	40 Geminor.		30,114	78,0	76,2	63 54 46,00	
	♂ N. L.	12 44,7				63 42 28 05	from 2 obs. as above.
	♂ S. L.					63 42 46,50	
27	40 Geminor.		30,130	76,4	74,0	63 54 48,30	
	♂ N. L.	12 39,1				63 38 11,10	obs. 15*s.* before mer. passage.
	♂ S. L.					63 38 27,90	—— —— after —— ——
	s Geminor.		30,128	75 6	73 0	63 34 59 40	
28	40 Geminor.		30,110	76,9	76,3	63 54 47,80	
	♂ N. L.	12 33,4				63 34 2,10	obs. 15*s.* before mer. passage.
	♂ S. L.					63 34 20,30	—— —— after —— ——
	s Geminor.					63 34 59 80	
29	♂ Centre	12 27,7	30,098	75,0	72,7	63 30 10,30	
	s Geminor.					63 34 59 50	
30	39 Geminor.		30,112	74,2	69,8	63 45 12,00	
	♂ N. L.	12 22,0				63 26 9 20	from 2 obs. as above.
	♂ S. L.					63 26 27 80	
	* Geminor.					63 22 25,50	
31	♂ Centre	12 16,3	30,074	75,6	72,0	63 22 36,00	
	* Geminor.					63 22 26,50	
1835							
Jan. 2	* *u*		29,992	73,2	68,3	63 14 45,10	
	♂ Centre	12 4,9				63 15 43 90	
	47 Geminor.					62 55 26,70	
3	♂ Centre	11 59,2	39,032	72,0	68,2	63 12 33 00	
	47 Geminor.					62 55 26,60	
4	♂ Centre	11 53,5	30,024	70,8	66,9	63 9 33,90	
	* *w*					63 6 47,90	
	47 Geminor.					62 55 28,00	
5	♂ Centre	11 47,8	30,018	73,0	72,7	63 6 44 10	
	* *w*					63 6 48,60	
	47 Geminor.					62 55 26,20	
6	♂ Centre	11 42,2	30,076	74,0	70,5	63 4 6,70	
	* *w*					63 6 50,50	
8	54 Aurigæ		30,150	74,8	73,9	61 38 35,30	
	♂ Centre	11 31,0				62 59 27,00	
	x					62 57 30,30	
9	54 Aurigæ		30,118	73,3	70,9	61 38 36,70	
	♂ Centre	11 25,4				62 57 23,10	
12	♂ Centre	11 8,9	30,062	71,3	69,2	62 52 17,40	
	* *y*					62 51 41,40	
13	* *z*		30,036	70,0	66,7	62 49 0,30	
	♂ Centre	11 3,4				62 51 3,00	

1835	NAMES.	Madras Mean Time.	Bar.	Thermometer. in	Thermometer. out	Observed N. P. D.	REMARKS.
		h. m.				° ′ ″	
Jan. 13	* y					62 51 40 90	
14	* z		30,154	71,5	69,0	62 48 59 90	
	♂ Centre	10 58,0				62 49 52,10	
	* y					62 51 42,00	
15	♂ Centre	10 52,6	30,058	70,9	69,5	62 48 56 10	
	* z					62 49 3,60	
	* y					62 51 42 90	
16	♂ Centre	10 47,3	30,076	73,3	70,4	62 48 7,10	
	* z					62 49 0,70	
	* y					62 51 41,80	
18	♂ Centre	10 36,8	30,094	71,7	68,8	62 47 2 90	
	* y					62 51 43 00	
19	* B		30,098	72,6	69,8	62 46 55,00	
	♂ Centre	10 31 6				62 46 35 60	
20	♂ Centre	10 26,5	30 080	72 7	70 6	62 46 23.10	
21	43 Aurigæ		30,082	75,3	75,3	62 46 38,70	
	* B					62 46 54,20	
	♂ Centre	10 21,4				62 46 19,10	
22	43 Aurigæ		30,130	75,8	74,9	62 46 38 00	
	* B					62 46 55,30	
	♂ Centre	10 16,4				62 46 22,20	
30	43 Aurigæ		30,170	76,9	76,0	62 46 36,10	
	* c					62 51 4,90	
	♂ Centre	9 38,3				62 50 32,50	
31	43 Aurigæ		30,194	77,0	76,5	62 46 36 60	
	* c					62 51 4 90	
	♂ Centre	933,8				62 51 27.60	
Feb. 1	43 Aueigæ		30,192	74,8	71,6	62 46 37 40	
	* c					62 51 5,20	
	♂ Centre	9 29,4				62 52 24 50	
2	♂ Centre		30,178	74,0	72 8	62 53 29 70	
4	♂ Centre		30,114	73,8	71,7	62 55 41 80	
	* A					62 58 36 70	
	49 Aurigæ					61 54 3,50	
5	♂ Centre		30,156	75,9	76,0	62 56 53,20	
	* A					62 58 36.10	
	49 Aurigæ					62 54 4,10	
7	♂ Centre		30,174	77,8	77,7	62 59 21 50	
	* A					62 58 35,90	
10	♂ Centre		30,164	77,0	77,8	63 3 23,60	
	* A					62 58 35,30	

In the first place it is necessary I should state one or two particulars with regard to the early observations—those in which both limbs are observed :—the contact of the Planet's North Limb with the horizontal wire was made at 15 seconds *before* the meridian passage, and an observer being stationed at the microscopes A and B, the reading off was readily affected in time to admit of the contact being made with the South Limb when on the meridian— ; the microscopes A and B being again read off —, at 15 seconds *after* the meridian passage the contact of the Planet's North Limb was again made—from the reading of the *four* microscopes at this

latter observation I have *inferred* the reading which would have resulted to the two previous observations had all four of the microscopes been read off—hence the observations require correction for the $\frac{1}{2}$ thickness and inclination of the horizontal wire; the former = 1″,21 and the latter for 15 seconds before or after the meridian = 0″,37, added to which a small correction is due to the change of Declination for the observations of December 27th and 28th,—— the corrections will stand as follows.

1834				° ′ ″	$\frac{1}{2}$ the wire. ″	in. of wire.	ch. Dec.		° ′ ″	☌'s appt. Semidr. ″
Dec. 23	N. P. D.	☌	N. L. =	63 56 6 40	+1,21	——	——	=	63 56 7 61	7,69
	——	☌	S. L. =	63 56 24 20	—1,21	——	——	=	63 56 22,99	
24	——	☌	N. L =	63 51 27 70	+1 21	——	——	=	63 51 28 91	7,34
	——	☌	S. L. =	63 51 44,80	—1,21	——	——	=	63 51 43 59	
25	——	☌	N. L. =	63 46 54,25	+1 21	——	——	=	63 46 55,46	7,81
	——	☌	S. L. =	63 47 12,30	—1,21	——	——	=	63 47 11,09	
26	——	☌	N. L. =	63 42 28 05	+1,21	——	——	=	63 42 29.26	8,01
	——	☌	S. L. =	63 42 46,50	—1,21	——	——	=	63 42 45,29	
27	——	☌	N. L. =	63 38 11.10	+1 21	+0 37	−0 04	=	63 38 12 64	6,86
	——	☌	S. L. =	63 38 27,90	—1,21	—0,37	+0,04	=	63 38 26,36	
28	——	☌	N. L. =	63 34 2,10	+1,21	+0 37	−0 04	=	63 34 3 64	7,56
	——	☌	S. L. =	63 34 20,30	—1,21	—0,37	+0,04	=	63 34 18,76	
30	——	☌	N. L. =	63 26 9.20	+1 21	——	——	=	63 26 10,41	8,09
	——	☌	S. L. =	63 26 27,80	—1,21	——	——	=	63 26 26,59	

Reducing the above values of the Semidiameter for the various distances from the Earth at which the observations were made, we get the Mean Semidr. at Opposition 7″,68, at which time the Log. of Dist. from the Earth 0,79166.

Having been favored through the kindness of the Astronomer Royal at the Cape Observatory with several corresponding observations to the above, it will be as well here to turn them to account, by computing P. the Parallax of the Planet at the time of the opposition as follows:—

1834	Names.	Madras Observations.				Cape of Good Hope Observations.				
		Observed Diff.	*d* R.	*P*		Observed diff.	*d* R.	d D	*P*	
		° ′ ″	″			° ′ ″	″	″		
Dec. 23	☌ N. L. & (P.)	0 6 58 19	+0,12	−,2269	p^{I}	= 0 7 57,24	+0 52	−48,50	−,8643	p^{I}
	☌ Cent. & (P.)	0 6 50 50	,12	−,2269		= 0 7 46 89	0,52	−48,50	−,8643	
27	☌ N. L. & 40 Geminor	0 16 35,46	,29	−,2329	p^{II}	= 0 17 25,42	1,11	−43 96	−,8669	p^{II}
	☌ Cent. & 40 ——	0 16 28 80	,29	−,2320		= 0 17 16,03	1,11	−43 96	−,8669	
	☌ N. L. & *s* ——	0 3 13 24	,05	+,2320		= 0 2 21,76	0,16	+43 96	−,8669	
	☌ Cent. & *s* ——	0 3 20 10	,06	+,2320		= 0 2 31 15	0,16	+43,96	−,8669	
29	☌ Cent. & *s* ——	0 4 48,20	,09	−,2343	p^{III}	= 0 5 36,18	0,36	−40,69	−,8681	p^{III}

1834		Names.	Madras Observations. Observed Diff.		d R.	P	Cape of Good Hope Observations. Observed diff.		d R	d D	P
			° ′ ″		″		° ′ ″		″	″	
30	☌	S. L. & 39 Geminor	0 18 45 41	+	,32	— ,2354 p^{iv}	= 0 19 30,22†		1,29	— 39,05	— ,8686 p^{iv}
1835	☌	Cent. & 39 ——	0 18 54 00		,32	— ,2354	= 0 19 39,65		1.29	—	— ,8686
Jan. 2	☌	N. L. & 47 ——	0 20 9 55		,35	+ .2385 p^{v}	= 0 19 20 80		1,29	+33,73	+ .8702 p^{v}
3	☌	N. L. & 47 ——	0 16 58,76		,29	+ 2391 p^{vi}	= 0 16 16,30		1,09	+31 85	+ 8706 p^{vi}
4	☌	Cent. & 47 ——	0 14 5 90		,24	+ .2399 p^{vii}	= 0 13 25 51		0 89	+29 95	+ ,8710 p^{vii}
5	☌	N. L & w ——	0 0 13,12		,00	— ,2408 p^{viii}	= 0 0 53 79		0 07	--27,98	— .8714 p^{viii}
	☌	—— & 47 ——	0 11 9 28		,19	+ ,2408	= 0 10 31,46		0,71	+	+ .8714
12	☌	Cent. & y ——	0 0 36 00		,01	+ .2450 p^{ix}	= 0 0 14,76		0 02	+14 42	+ ,8734 p^{ix}
13	☌	N. L. & z ——	0 1 55 29		,03	+ ,2453 p^{x}	= 0 1 33 32		0 10	+12 70	+ .8735 p^{x}
15	☌	Cent. & z ——	0 0 7 50		,00	-- ,2459 p^{xi}	= 0 0 21,21		0,02	— 9,08	— ,8738 p^{xi}
	☌	—— & y ——	0 2 46 30		,05	— ,2459	= 0 3 5 81		0 20	— 9,08	— ,8738
16	☌	Cent. & z ——	0 0 53,60		,02	— ,2461 p^{xii}	= 0 0 8 97*		0,00	— 7 54	— ,8739 p^{xii}
	☌	—— & y ——	0 2 41,10		,05	— ,2461	= 0 2 52,68		0,20	— 7,54	— ,8739
19	☌	N. L. & B ——	0 0 26 52		,01	— ,2467 p^{xiii}	= 0 0 39 02		0,05	— 2,83	— ,8742 p^{xiii}
21	☌	—— & Aurigæ	0 0 26 64		,01	— ,2467 p^{xiv}	= 0 0 15,76		0,02	-- 0,00	— ,8742 p^{xiv}
	☌	—— & B ——	0 0 42.14		,02	— .2467	= 0 0 36,59		0 04	— 0 00	— .8742
31	☌	—— & 43 ——	0 4 44 53		,09	+ .2453 p^{xv}	= 0 4 45,62		0,35	— 9,78	+ ,8735 p^{xv}
	☌	—— & o ——	0 0 16,23		,00	+ ,2453	= 0 0 16 85		0,02	— 9,78	+ ,8735
Feb. 1	☌	—— & 43 ——	0 5 40 68		,11	+ ,2450 p^{xvi}	= 0 5 46 64		0,41	—10 37	+ ,8734 p^{xvi}
	☌	—— & c ——	0 1 12 88		,02	+ ,2450	= 0 1 19 05		0,10	—10 37	+ ,8734
5	☌	—— & A ——	0 1 42 90		,03	-- .2436 p^{xvii}	= 0 1 48.88†		0,12	--12 51	— ,8727 p^{xii}
	☌	—— & 49 ——	0 2 49,10		,05	+ ,2436	= 0 3 51,47*		0,27	--12,51	+ .8727
10	☌	Cent. & A ——	0 4 48 30		,08	+ ,2419 p^{xviii}	= 0 4 52 82		0,34	14 42	+ .8717 p^{xviii}

In the above table d R represents the difference of the refractions due to the Star and Planet, and d D the change of declination (computed from the N. A.) due to the interval between the Planet passing the Meridians of Madras and the Cape, and further; p' p'', &c. represent the Equatoreal horizontal Parallaxes for the several dates of observation—to render these available to the end proposed we will now resolve the above equations, and by means of the Log distance of the Planet from the Earth (furnished in the Nautical Almanac) compute (π) the Parallax for the distance 1, or that which we are accustomed to term the "Sun's Mean Equatoreal Horizontal Parallax" thus:

1834		″				″	″
Dec.	23	10,95	= ,6374 p^{i}	∴ p^{i}	= 17 18	*or* π	= 10,68
		8 29	,6374		= 13.00		= 8 08
	27	6 62	,6349 p^{ii}	p^{ii}	= 10 43		= 6 45
		4,09	,6349		= 6,44		= 4 00
		7 74	,6349		= 12,19		= 7 56
		5,21	,6349		= 8 21		= 5,08
	29	7,56	,6338 p^{iii}	p^{iii}	= 11 93		= 7 38
	30	7,97	,6332 p^{iv}	p^{iv}	= 12 59		= 7 80
		7 57	,6332		11,95		= 7 40
1835							
Jan.	2	14 08	,6317 p^{v}	p^{v}	= 22 29		= 13 85
	3	9 81	,6315 p^{vi}	p^{vi}	= 15 53		= 9,57
	4	9 79	,6311 p^{vii}	p^{vii}	= 15 51		= 9 68

† Probably an error of 10″ in the Cape Observations of A.

* An error 1′ in one or other of the Observations.

1835							
	$''$				$''$		$''$
Jan. 5	12,76	$= ,6306\ p^{viii}$	$\therefore p^{viii}$	$= 20\ 23$	*or* π	$= 12\ 66$	
	9 32	,6306		$= 14\ 78$		$= 9\ 25$	
12	6,81	$,6284\ p^{ix}$	p^{ix}	$= 10\ 84$		$= 6\ 97$	
13	9,20	$,6282\ p^{x}$	p^{x}	$= 14\ 65$		$= 9\ 46$	
15	4 65	$,6279\ p^{xi}$	p^{xi}	$= 7,41$		$= 4,84$	
	10 58	$,6279\ p^{xi}$	p^{xi}	$= 16\ 85$		$= 11,01$	
16	7,81	$,6278\ p^{xii}$	p^{xii}	$= 12,44$		$= 8\ 18$	
	4 16	,6278		$= 6\ 63$		$= 4\ 36$	
19	9,71	$,6275\ p^{xiii}$	p^{xiii}	$= 15\ 47$		$= 10,38$	
21	10 87	$,6275\ p^{xiv}$	p^{xiv}	$= 17\ 32$		$= 11\ 78$	
	5,53	,6275		$= 18,81$		$= 5\ 95$	
31	8 43	$,6282\ p^{xv}$	p^{xv}	$= 13,42$		$= 9,89$	
	9,14	,6282		$= 14\ 55$		$= 10\ 73$	
Feb. 1	4,11	$,6284\ p^{xvi}$	p^{xvi}	$= 6\ 54$		$= 4,87$	
	4 12	,6284		$= 6\ 56$		$= 4,88$	
5	* 8 58	$,6291\ p^{xvii}$	p^{xvii}	$= 13,64$		$= 10\ 53$	
	9,87	,6291		$= 15\ 69$		$= 12,11$	
10	9,64	$,6298 p^{xviii}$	p^{xviii}	$= 15,31$		$= 12,38$	
				Mean of 30 $\pi = 8'',595$			

The above results although apparently highly discordant, nevertheless do not involve larger errors than 1″ in any single observation, although errors to double of this amount may possibly exist—to this result we may now add that derived from the observations at the opposition in 1832 given in Vol. II—we there determined the value P (the parallax at the Planet Mars at the time of opposition) to be 19″,595—; now at this time the distance of Mars from the Earth was ,50581 hence we determine π from δ 1832-1833 = 9″,912 and from the mean of the above at δ 1834-1835 = 8″,595 giving to each result the same weight $\pi = 9'',253$.

Apparent Right Ascension and North Polar Distance of Juno.

1835	Madras Mean Time of Observation.	A. R. from Observation.	A. R. from N. A.	Error of N. A.	N. P. D. from Observation.	N. P. D. from N. A.	Error of N. A.	Remarks.
	h m. s.	*h m. s*	*m. s.*	*s.*	° *F* ″	*I* ″	*I* ″	
Dec. 21	12 48 40 6	6 47 15 92	46 46 82	—29,10	99 5 5,40	4 36,1	—0 29 30	
24	12 34 18 4	44 40 33	44 10 25	30,08	89 59 25,50	58 31,2	0 54,30	
25	12 29 29,6	43 47 34	43 17 15	30,19	89 56 54 29	55 48,3	1 5 99	
26	12 24 40 7	42 54 45	42 23 75	30 70	89 54 1 65	52 46 4	1 15,25	
27	12 19 51,2	42 0 41	41 30,17	30.24	89 50 53 61	49 27,1	1 26,51	
28	12 12 0,0	41 7 13	40 36 50	30 63	89 47 23 59	45 49 4	I 34,19	
30	12 5 22,9	39 19,45	38 49 08	30,37	89 39 30,60	37 38,1	1 52,50	

* I have allowed for an error of 10″ in this Observation.

Apparent Right Ascension and North Polar Distance of Pallas.

1834	Madras Mean Time of Observation.	A. R. from Observation.	A. R. from N. A.	Error of N. A.	N. P. D. from Observation.	N. P. D. from N. A.	Error of N. A.	Remarks
	h. m. s.	*h. m. s.*	*m. s.*	*s.*	° ′ ″	′ ″	′ ″	
Jan. 25	12 32 31,6	8 50 57,33	50 54 63	— 2 70	114 8 38,56	1 48 5	— 6 50 06	
26	12 27 51,4	50 12 76	50 9,37	3,39	113 55 6,47	48 11,5	6 54 97	
27	12 23 10 6	49 27,67	49 24 10	3,57	113 40 58,44	33 47 1	7 11 34	
28	12 18 29,0	48 42,67	48 38,66	4 01	113 26 16 13	18 47 6	7 28 53	
29	12 13 48,7	47 56,54	47 53,06	3 48	113 11 3 30	3 12,8	7 50,50	
30	12 8 6,1	46 10 82	47 7,48	3,34	112 55 7,25	47 3,8	8 3,45	
31	12 4 23,1	46 25 24	46 21,75	3,49	112 38 29 66	30 19,0	8 10,66	
Feb. 1	11 59 43 6	45 40 10	45 36 31	3 79	112 21 39 01	12 58,4	8 40,61	
2	11 55 2,5	44 54 25	44 50 87	3 38	112 4 4 42	55 18 6	8 45,82	
3	11 50 21,6	44 8,90	44 5,72	3,18	111 45 52 57	36 43 6	9 8 97	
4	11 45 40,7	43 24 05	43 21 07	2 98	111 27 12,12	17 46,2	9 25,92	
6	11 37 20 2	42 55 77	42 53,03	2,74	110 47 53,23	38 15 8	9 37 43	
8	11 27 2 7	40 29 32	40 27,48	1 84	110 7 19 20	56 46,4	10 32,80	
10	11 17 47 2	39 5 88	39 5,00	0,88	109 24 17 44	13 23 0	10 54 44	
11	11 13 18,6	38 25,72	38 25,13	0 59	109 2 6,73	50 59,8	11 6 93	
12	11 8 44,8	37 46 48	37 46,21	0 27	108 39 29,82	28 12,0	11 17,82	
13	11 4 2,1	37 8,01	37 8,42	+ 0 41	——	—	—	
14	10 59 29,1	36 30,88	36 31 74	0 86	107 53 8 94	41 25 5	11 43 44	
15	10 54 57,9	35 54,85	35 56,26	1.41	107 29 19,25	17 28 9	11 50 35	
18	10 41 39 9	34 14,36	34 17,64	3,28	106 16 3,19	3 40,5	12 22 69	
19	10 37 13,4	33 43,83	33 47 53	3,70	105 51 2 93	38 29,1	12 33 83	
20	10 32 38 4	33 14,30	33 18,88	4 58	105 25 46,13	13 1,9	12 44,23	
21	10 28 14 8	32 46 37	32 51 76	5 39	——	—	—	
22	10 23 50 4	32 20,14	32 26 18	6,04	104 34 23 33	21 27,2	12 56,13	
23	10 19 31,4	31 54,89	32 2,19	7,30	104 8 22,00	55 22,1	12 59,90	
24	10 15 12,7	31 32,22	31 39 86	7,64	103 42 9,63	29 7,2	13 2 43	
25	10 10 7,0	31 10,95	31 19,11	8,16	103 15 51 84	2 43,9	13 7,94	
26	10 6 40,0	30 51,05	31 0 48	9,43	102 49 25 84	36 11 2	13 14 64	
27	10 2 25 8	30 32,90	30 42 79	9 89	102 22 51 68	9 33,5	13 18,18	
28	9 58 13,7	30 16,53	30 27 25	10,72	101 56 10,77	42 50,9	13 19 87	
Mar. 1	9 54 2 7	30 2,04	30 13 46	11,42	101 29 29.12	16 4 7	13 24 42	
2	9 49 54,4	29 49 21	30 1 47	12,26	101 2 41 25	49 16,0	13 25 25	
3	9 45 49,3	29 38 41	29 51.19	12 78	100 35 54 86	22 26,1	13 28 76	
4	9 41 41,8	29 29,23	29 42,93	13,70	100 9 6,66	55 36,4	13 30,26	
1835								
May 25	13 5 1,1	17 15 41,80	16 6 25	+24,45	——	—	—	Obs of May 25 and 26, are probably refer to a small Star.
26	13 1 5,7	17 15 42.01	15 17 09	—25 03	64 57 10,34	52 50,3	— 4 20,04	
June 1	12 32 27,6	17 10 37,77	10 16,50	21 27	64 31 39 37	30 16,3	1 23 07	
18	11 11 17,4	16 56 16,23	55 59,29	16 94	64 27 22,89	28 28,9	+ 1 6 01	
19	11 6 33.2	55 28 27	55 11,91	16,37	64 29 39,90	31 10 0	1 30 10	

Apparent Right Ascension and North Polar Distance of Ceres.

1835	Madras Mean Time of Observation.	A.R. from Observation.	A. R. from N. A.	Error of N. A.	N. P. D. from Observation.	N. P. D. from N. A.	Error of N. A.	Remarks.
	h m. s	*h. m. s.*	*m. s*	*s.*	° ′ ″	′ ″	′ ″	
Feb. 10	13 5 42,1	10 27 18,61	26 54 09	—24 52	63 30 28,02	26 49,0	—3 39,02	
11	13 1 4 8	26 28 64	26 3.71	24,93	63 22 50 91	19 15,3	3 35 61	

1834	Madras Mean Time of Observation.	A. R. from Observation.	A. R. from N. A.	Error of N. A.	N P. D. from Observation.	N. P. D. from N. A.	Error of N. A.	REMARKS.
	h. m. s.	*h. m. s*	*m. s.*	*s.*	° *′ ″*	*′ ″*	*′ ″*	
Feb. 12	12 56 19,8	10 25 37,78	25 12,59	—25,19	63 15 30 93	11 50,2	—3 40 73	
14	12 46 34,9	23 54 58	23 28,62	25,96	63 0 47 02	57 27,3	3 19 72	
15	12 41 47,6	23 1 98	22 35,84	26 14	62 53 46 53	50 30 5	3 16,03	
17	12 32 8,1	21 15,55	20 49 19	26 36	62 40 14 65	37 9 3	3 5 35	
18	12 27 20 5	20 21,82	19 55 51	26,31	62 33 43 82	30 44 7	2 59 12	
19	12 22 30 0	19 27.89	19 1 60	26,29	62 30 50,37	26 32 5	4 17,87	
20	12 17 40,8	18 33 99	18 7 76	26,23	62 21 21,59	18 33,1	2 48 49	
21	12 12 51 5	17 40,28	17 13 75	26 53	62 15 29 59	12 45,5	2 44,09	
22	12 7 59,3	16 46,14	16 19,71	26,43	62 9 48 08	7 10 3	2 37 78	
23	12 3 11,5	15 52 07	15 25 77	26 30	62 4 19 23	1 49,1	2 30 13	
26	11 48 44,0	13 11,79	12 45,61	26,18	62 49 17,70	47 6,9	2 10 80	
27	11 43 55 1	12 18,91	11 52 96	25 95	61 44 43,35	42 41,2	2 2,15	
Mar. 1	11 34 18 3	10 34,04	10 9 18	24,86	61 36 22 26	34 33,1	1 49,16	
2	11 29 31,9	9 43,14	9 18 19	24,95	61 32 32 33	30 51,5	1 40,83	
3	11 24 47,7	8 53,59	8 27,90	25,69	61 28 56,72	27 24,6	1 32,12	
1835								
May 24	13 22 48 5	17 29 33,44	29 9,36	—24,08	111 52 16 61	53 23,3	+1 6,69	
26	13 13 13 3	27 51 66	27 27 28	24,38	111 57 34 78	58 42,0	1 7,22	
27	13 8 25 6	27 0,39	26 34 94	25,45	112 0 13,60	1 20 9	1 7,30	
28	13 3 38 1	26 7 87	25 41,71	26,16	112 2 54,98	3 59,5	1 4,52	
June 1	12 45 16 5	22 28 65	22 1,77	26,88	112 13 23 72	14 28,1	1 4 38	
18	11 21 6 9	6 7,50	5 40,37	27,13	112 55 9 94	56 6 5	0 56 56	
19	11 16 14,7	5 11 39	4 44,75	26,64	112 57 26 01	58 21 5	0 55,49	

Apparent Right Ascension and North Polar Distance of Jupiter.

1834	Madras Mean Time of Observation.	A.R. from Observation.	A. R. from N. A.	Error of N. A.	N. P. D. from Observation.	N. P. D. from N. A.	Error of N. A.	REMARKS.
	h m. s.	*h. m. s.*	*m. s.*	*s.*	° *′ ″*	*′ ″*	*″*	
Jan. 10	6 21 13,9	1 39 30 44	39 30,61	+ 0,17	80 ——	——	—	
14	6 6 36,9	2 40 36 93	40 37,00	0 07	80 48 46,46	48 42,60	— 3,86	
19	5 48 35,9	2 42 15,55	42 15,68	0,13	80 37 52,58	37 46,10	6,48	
1835								
Feb. 2	7 10 54 6	3 59 2 78	59 2,32	— 0,46	70 5 40 43	5 37 80	— 2,63	
4	7 3 14 8	3 59 15 50	59 15,20	0 30	70 4 33,92	4 31,60	2,32	
6	6 55 39,4	3 59 32 22	59 31,44	0 78	70 3 18 72	3 15 60	3,12	
7	6 51 53,7	3 59 41,59	59 40 80	0 79	70 2 36 31	2 34,20	2,11	
8	6 48 7,8	3 59 51 85	59 51,01	0,81	70 1 52 31	1 50 50	1,81	
9	6 43 32,8	4 0 2 94	0 2,04	0,90	70 1 8 01	1 4 50	3 51	
10	6 40 38,8	4 0 14,99	0 13,82	1,17	70 0 20,82	0 16 30	4,52	
11	6 46 53,9	4 0 27,69	0 26,47	1,22	70 59 27,92	59 24,10	3 82	
Sep. 26	18 39 3 0	6 59 33 67	59 34,00	+ 0,33	67 22 52,19	22 51 60	0,59	
29	18 29 20,0	7 0 57 87	0 57,64	— 0,23	67 24 35,43	24 36 20	+ 0 77	
Dec. 21	12 55 14 9	6 53 51,03	53 51,40	+ 0 37	67 4 57,82	4 57,30	— 0 52	
24	12 41 46,9	6 52 10 10	52 10,28	+ 0,18	67 2 23,79	2 23 70	0,09	
25	12 37 16,8	6 51 35 74	51 36 02	+ 0,28	67 1 33,84	1 32,70	1,14	
26	12 32 46,6	6 51 1,58	51 1,55	— 0,03	67 0 44 18	0 41 80	2,38	
27	12 28 15 6	6 50 26,90	50 26,92	+ 0 02	66 59 51,76	59 51 00	0,76	
28	12 23 45 7	6 49 52 43	49 52,15	— 0 28	66 59 2,12	59 1,00	1,12	
30	12 14 44,5	6 48 41,56	48 42 24	— 0,68	66 59 52 86	57 50 60	2,96	

Apparent Right Ascension and North Polar Distance of Saturn.

1835	Madras Mean Time of Observation.	A. R from Observation.	A. R. from N. A.	Error of N. A.	N. P. D. from Observation.	N. P. D. from N. A.	Error of N. A.	Remarks.
	h m s.	h. m. s.	m s.	s.	° ′ ″.	′ ″	″	
April 6	12 21 5 7	13 18 28 20	18 28.18	−0 02	95 17 38 01	17 55,1	+17,09	
7	12 16 52 7	18 11,20	18 11,12	−0 08	95 15 53 46	16 9,6	16 14	
10	12 4 13 6	17 19 75	17 19 83	+0 08	95 10 38 16	10 55 9	17 74	
11	12 0 0 6	17 2 35	17 2 66	+0,31	95 8 54 85	9 11 7	16 85	
13	11 51 34 9	16 28,56	16 28 42	−0,14	95 5 29 78	5 44,6	14 82	
14	11 47 21,9	16 11 34	16 11,32	−0,02	95 3 46,07	3 58,3	12,23	
15	11 43 9 3	15 54 27	15 54,28	+0 01	95 2 3 07	2 19.2	16 13	
16	11 38 56,1	15 37 22	15 37.21	−0 01	95 0 23,37	0 37 3	13,93	
17	11 34 43,1	15 20,07	15 20 25	+0 18	94 58 40 36	58 56,1	15,74	
18	11 30.30 8	15 3,23	15 3 45	+0,22	94 57 1,34	57 15 6	14.26	
19	11 26 18,5	14 46,57	14 46 53	−0 04	94 55 20,49	55 35 8	15 31	
20	11 22 5 2	14 29 52	14 29 78	+0,26	94 53 40 86	53 56 7	15 84	
23	11 9 27 3	13 39.84	13 40,04	+0,20	94 48 48,60	49 4 5	15 90	
25	11 1 3 4	13 7,16	13 7 41	+0,25	94 45 37 39	45 54 6	17.21	
26	10 56 51 6	12 51.82	12 51 28	−0 54	94 44 2,22	44 21 3	19 08	
27	10 52 39 4	12 35 11	12 35 27	+0 16	94 42 31.72	42 49 2	17,48	
30	10 40 4 7	11 48 02	11 48,14	+0,12	94 37 59 70	38 19 8	20 10	
May 2	10 31 42.9	11 17,38	11 17,61	+0,23	94 35 8 45	35 27 1	18 65	
3	10 27 31 9	11 2 18	11 2 60	+0,42	94 33 43 67	34 1,7	18,03	
4	10 3 20 6	10 47 47	10 47,78	+0,31	94 32 21,50	32 39 5	18 00	
6	10 14 59 9	10 18 31	10 18,75	+0 44	94 29 38 61	29 58 2	19 59	
7	10 10 50,4	10 4 04	10 4 66	+0,62	94 28 21.80	28 40,1	18 30	
9	10 2 30,3	9 36 59	9 36 84	+0 25	94 25 48 74	26 8,5	19,76	
11	9 54 14,0	9 9,67	9 10,05	+0 38	94 23 23,80	23 46 6	22 80	
16	9 33 30 1	8 6 95	8 7 25	+0,30	94 17 52,63	18 12,1	19,47	
17	9 29 23.0	7 55.56	7 55 57	+0 01	94 16 52,17	17 11 9	19 73	
19	9 21 8 2	7 32 63	7 32 91	+0 28	94 14 55,32	15 15,8	20,48	
20	9 17 1,1	7 21,64	7 22,01	+0 37	94 14 0,97	14 21,1	20 13	
23	9 4 43 0	6 51 04	6 51 17	+0 13	94 11 29 54	11 49,0	19 46	
24	9 0 37 3	6 41,14	6 41 45	+0,31	94 10 42,60	11 2 5	19,90	
28	8 44 17 2	6 5 83	6 5 73	−0,10	94 7 57,77	8 17 8	20,03	

Apparent Right Ascension and North Polar Distance of Georgian.

1835	Madras Mean Time of Observation.	A. R. from Observation.	A. R. from N. A.	Error of N. A.	N. P. D. from Observation.	N. P. D. from N. A.	Error of N. A.	Remarks.
	h. m. s.	h. m. s.	m. s	s.	° ′ ″	′ ″	″	
Sept. 15	10 24 40 9	22 0 26 30	0 29 39	+3'09	103 2 22 62	2 20 90	— 1,72	
18	10 12 29 6	0 2 41	0 5,42	3 01	103 4 28 29	4 25,70	2,59	
20	10 4 22 9	59 46,89	59 49 97	3 08	103 5 49,12	5 46,40	2,72	

Comparison of the Observed Right Ascension and North Polar distance of the Moon with the interpolated place from Nautical Almanac.

1834	Madras Mean Time.	Limb Observed.	Observed A. R. of ☽'s Centre.	A. R. from Nautical Almanac.	Error of Tables.	N. or S. Limb.	Observed N. P. D. of ☽'s Centre.	N. P. D. from Nautical Almanac.	Error of Table.
	h m s.		h. m. s.	′ ″	″		° ′ ″	′ ″	″
Jan. 17	5 36 60	1	1 22 49 79	22 49 3	−0.49	S.	86 45 5,02	45 47	−0.32
18	6 17 56 9	1	2 8 45 64	8 45 1	−0.54	,,	81 57 8 56	57 6,1	−2,46
19	7 1 54 8	1	56 48 77	56 48 4	−0,37	,,	77 23 1 07	22 58,8	−2,27

1834		Madras Mean Time.	Limb Observed.	Observed A. R. of ☽'s Centre.	A. R. from Nautical Almanac.	Error of Tables.	N. or S. Limb.	Observed N. P. D. of ☽'s Centre.	N. P. D. from Nautical Almanac.	Error of Table.
		h. m. s.		*h. m. s*	′ ″	″		° ′ ″	′ ″	″
	20	7 48 58 4	I	3 47 59 42	47 59 3	—0,12	,,	73 15 35 93	15 37,0	+1 07
	21	8 39 57 7	I	4 43 5 70	43 5 7	0 00	,,	69 51 34 43	51 27,2	— 7 23
	22	9 35 9,8	I	5 42 25 44	42 25,2	—0,24	,,	67 30 10 39	30 9 7	—0,69
	23	10 34 0 2	I	6 45 24 22	45 25 2	+0,98	N.	66 31 53,41	31 51,9	—1,51
	24	11 35 1.3	I	7 50 31 05	50 31,2	+0 15	,,	67 11 23 80	11 26 6	+2,80
	25	12 38 29,2	2	8 55 45,76	55 46 1	+0,34	,,	69 32 31,90	32 33,4	+1,50
Feb.	16	5 40 43 6	I	3 25 48 65	25 48,2	—0,45	S.	74 45 14,22	45 12 3	—1,92
	17	6 28 33 7	I	4 17 46,58	17 46,3	—0 28	,,	71 6 6,42	6 7,4	+0,98
	18	7 20 17.5	I	5 13 35,89	13 35,2	—0 69	,,	68 18 50 88	18 52 6	+1,72
	19	8 15 53 5	I	6 13 19 86	13 19 3	—0,56	N.	66 41 45,28	41 42,2	—3 08
	20	9 14 41,8	I	7 16 15 27	16 15,3	+0,03	,,	66 31 59 93	31 59,8	—0 13
	21	10 15 12 1	I	8 20 51,06	20 52 3	+1,24	,,	68 1 4,05	1 3,6	—0 45
	22	11 15 30 6	I	9 25 18 71	25 19,1	+0,39	,,	71 8 53 31	8 58,7	+5 39
	23	12 15 27,8	Cent.	10 28 10,37	28 10 5	+0,13	,,	75 42 16 59	42 15,3	—1,29
	24	13 13 2,3	2	11 28 43,22	28 43,2	—0,02	,,	81 17 27,11	17 28,9	+1,79
1835										
Feb.	6	6 27 36,2	I	3 32 25,25	32 24 7	—0 55	S.	72 41 44,72	41 45 1	+0 28
	7	7 13 49,1	I	4 22 45,55	22 44,8	—0 75	,,	69 8 55 44	8 49,1	—6 34
	8	8 3 16 2	I	5 16 18 50	16 18,1	—0,40	,,	66 30 49 26	30 46 2	—3,06
	9	8 55 53 7	I	6 13 3,01	13 2,5	—0 51	N.	65 2 21,01	2 16,3	—4,71
	10	9 51 0 6	I	7 12 16 14	12 15,5	—0,64	,,	64 56 53 62	56 45,3	—8,32
	11	10 47 18 1	I	8 12 40 01	12 39,5	—0 51	,,	66 22 35 16	22 30,1	—5,06
	12	11 43 18 9	I	9 11 45,75	12 46,1	+0 35	,,	69 19 19 69	19 20,4	+0,71
	13	12 40 15 6	2	10 11 33,17	11 32,5	—0 67	,,	73 37 58 02	38 0,4	+2 38
	15	14 24 4 2	2	12 3 33,95	3 33,8	—0,15	S.	85 4 26,28	4 20,2	—6,08
	17	16 4 54 0	2	13 52 23 20	52 23,2	0,00				
March	8	6 44 14 4	I	5 47 27.84	47 27,4	—0,44	N.			
	9	7 47 17,8	I	6 44 37,86	44 37 2	—0,66	,,	64 34 59,84	34 53,1	—6,74
	10	8 32 10,1	I	7 43 36,53	43 36 1	—0,43	,,			
	11	9 27 41,0	I	8 43 13,07	43 13 3	+0,23	,,	67 32 39 89	32 35 3	—4 59
	13	11 16 34,6	I	10 40 16 06	40 15,7	—0 36	,,	76 11 55,01	11 51 0	—4 01
	14	12 9 11,4	Cent.	11 37 0 29	37 0,1	—0,19	,,	82 7 39,72	7 38,4	—1,32
April	7	7 7 6,2	I	8 16 28 09	16 27,5	—0 59	,,			
	8	8 8 38 6	I	9 14 20 97	14 20,1	—0,87	,,	69 3 29 48	6 22 6	—6 88
	10	9 53 53,5	I	11 7 45 55	7 45,0	—0,55	,,	78 50 57,74	50 56 0	—1 74
	11	10 45 36,8	I	12 3 32 52	3 32,3	—0,22	,,	84 6 50 38	6 51 6	+1 22
	12	11 37 36,2	I	12 59 37 59	59 36,5	—1 09	,,	91 43 12,28	49 7,7	—4 58
	16	12 30 47,8	Cent.	13 56 57 79	56 57,7	—0 09	,,	97 30 56,44	31 2,6	+6,16
May	5	6 0 5 4	I	8 51 52 55	51 52 3	—0 25	,,	67 36 53 08	36 48,9	—4 18
	8	8 32 36 3	I	11 36 36 38	36 36 0	—0 38	,,	81 53 14 47	53 12,3	—2,17
	9	9 22 49 2	I	12 30 54 69	30 54 5	—0 19	,,	88 17 4 62	17 4,9	+0,28
	10	10 14 14,0	I	13 26 25 23	26 25 0	—0 23	,,	94 57 57 22	57 51 3	—5 92
	11	11 7 56 1	I	14 24 14,27	24 14 4	+0 13	,,	101 28 50 78	28 44,7	—6 08
	12	12 6 2 7	Cen t.	15 25 17 93	25 18 5	+0 57	,,	107 18 44 00	18 50 5	+6 50
June	5	7 14 2 9	I	12 8 12 45	8 11 8	—0,65	,,	85 31 53 93	31 51 0	—2 95
	7	8 53 37 5	I	13 55 57,95	55 57,7	—0,25	,,	98 22 4 43	22 10,5	+6 07
	8	9 47 22 9	I	14 53 51,04	53 50 9	—0,14	,,	104 27 34 32	27 39 0	+4 68
	9	10 45 1,1	I	15 55 37 90	55 37,8	—0,10	,,	109 41 31.10	41 31 6	+0,50
	10	11 46 29,1	Cent.	17 1 17,83	1 17 0	—0 83	,,	113 32 25 83	32 30 5	+4 67
July	4	6 49 31,2	I	13 34 57,22	34 56 8	—0 42	,,	96 2 29.52	2 2 5	—0 02
	6	8 31 10,2	I	15 27 50,38	27 49,7	—0,68	,,	107 34 51 46	34 56 2	+4 74
	9	11 34 17 4	I	18 43 21,14	43 21,1	—0,04	S.	115 50 21 16	50 29 0	+7 84
Aug.	2	6 24 49 5	I	15 7 34 23	7 34,3	+0 07	N.	106 0 19,35	0 17,8	—1 55
	3	7 19 56,5	I	16 6 46 89	6 46 6	—0 29	,,	110 40 56 99	40 53 3	—3,69
	4	8 18 31 2	I	17 9 32.56	9 32 0	—0 56	,,	114 2 33 72	2 31 6	—2,12

1834	Madras Mean Time.	Limb Observed.	Observed A. R. of ☽'s Centre.	A. R. from Nautical Almanac.	Error of Tables.	N. or S. Limb.	Observed N. P. D. of ☽'s Centre.	N. P. D from Nautical Almanac.	Error of Table.
	h. m. s.		*h. m. s.*	′ ″	″		° ′ ″	′ ″	″
Aug. 5	9 19 44 6	1	18 14 52,10	14 51,8	−0 30	N.	115 44 21,78	44 21,7	−0,08
6	10 21 27,2	1	19 20 41,23	20 41,3	+0,07	,,	115 35 32,54	35 33 8	+1 26
Sept. 1	7 12 5,6	1	17 53 19,39	53 18,5	−0 89	,,	115 35 18,34	35 18,2	−0,12
4	10 8 5,8	1	21 1 33,63	1 33,9	+0 27	S.			
6	11 49 9 3	1	22 50 43,40	50 44,0	+0,60	,,	102 44 55,58	44 51.9	−3 68
29	6 7 15 6	1	18 38 42,10	38 41,8	−0,30	,,	116 18 49,73	18 52 5	+2.77
Oct. 2	8 56 20,2	1	21 39 48 66	39 49,1	+0 44	,,	109 19 33,85	19 27,7	−6,15
4	10 30 40,5	1	23 22 23,07	22 23 5	+0 43	,,	——		
5	11 13 54 8	1	0 9 40,07	9 40,0	−0 07	,,	93 46 3,48	45 59,4	−4,08
29	7 53 36 2	1	21 23 15,82	23 16 2	+0 38	,,	——		
Nov. 5	11 58 13,1	2	2 57 24,30	57 24,3	0 00	N.	——		
28	7 11 52,5	1	23 40 2,78	40 3,7	+0,92	S.	97 28 5,15	28 9 4	+4,25
Dec. 2	9 57 37,1	1	2 41 48 36	41 48 3	−0,06	,,	——	53 22,8	+1,41
3	10 41 4 6	1	3 29 22 40	29 21 7	−0 70	,,	71 29 13.00	29 11 2	−1 80
27	6 33 15 9	1	0 55 27 55	55 27,8	+0,25	,,	88 4 44,56	4 44,2	−0,36
28	7 14 20,0	1	1 40 35 95	40 36 2	+0 25	,,	——	—	
29	7 51 43 4	1	2 26 6 24	26 7,2	+0,96	,,	——		
30	8 38 34 8	1	3 12 58,89	12 58 9	+0,01	,,	72 50 20 93	50 16 7	−4 23
31	9 20 25 2	1	4 1 54 65	1 54,7	+0 05	,,	68 57 20 30	57 22,7	+2 40

In addition to the above, observations of the Moon, and of several Stars culminating near thereto have been made, as follows:

Moon Culminating Stars.

1834	Names.		Observed Transit.	1834	Names.		Observed Transit.
			h. m. s.				*h. m. s.*
Jan. 18	ξ^1 Ceti		2 2 29,13	Jan. 25	θ ——		8 20 8,62
	Moon	1st Limb	6 2 13		δ ——		33 15,80
	μ Ceti		33 18 23		Moon	2d Limb	54 56 84
19	μ Ceti		34 13.90		a Leonis		9 57 32 50
	Moon	1st Limb	54 2 31	Feb. 16	ξ Tauri		3 17 14 81
	f Tauri		3 19 58 55		Moon	1st Limb	23 50 65
20	f Tauri		3 19 56,37		λ Tauri		50 33 57
	Moon	1st Limb	45 8 98		γ Tauri		4 9 25,41
	ϵ Tauri		4 17 9,40	17	γ ——		9 23 61
	a Tauri		24 37,74		Moon	1st Limb	15 44 56
21	ϵ ——		17 6 46		β Tauri		5 14 50 53
	a ——		24 34 52	18	ϵ ——		4 52 12,71
	Moon	1st Limb	40 9 67		Moon	1st Limb	5 11 30 92
	β Tauri		5 13 58.91		β Tauri		14 49 93
	ζ ——		25 54 21		H Geminor		53 4 07
22	β ——		13 56,37		η ——		6 3 53,67
	ζ ——		25 51,65	19	H ——		5 53 2,41
	Moon	1st Limb	59 24 37		η ——		6 3 51,82
	μ Geminor		6 11 3 39		Moon	1st Limb	11 11,03
23	μ ——		11 0,78		ζ Geminor		53 16 14
	Moon	1st Limb	42 19 44		δ ——		7 9 12,69
	δ Geminor		7 8 18 04	20	ζ ——		6 53 12.64
24	β ——		33 12 65		δ ——		7 9 9 10
	Moon	1st Limb	47 23 44		Moon	1st Limb	14 1 48
	θ Cancri		8 20 10 96		μ^1 Cancri		55 24 93
	δ ——		33 18,10	21	μ^1 Cancri		55 21,93

1834	NAMES.		Observed Transit.
			h. m. s.
Feb. 21	Moon	1st Limb	8 18 35,13
	ξ Cancri		8 58 42 39
	λ Leonis		9 21 8 34
22	ξ Cancri		8 58 37,95
	Moon	1st Limb	9 22 57,89
	α Leonis		9 58 21,30
	ρ ——		10 22 53,57
23	α ——		9 58 18,56
	ρ ——		10 22 50 57
	Moon	C	10 26 56 45
	χ Leonis		10 55 13 80
23	ι ——		11 15 2,74
24	χ ——		10 55 12 36
	ι ——		11 14 1.02
	Moon	1st Limb	11 28 35 25
1835			
Feb. 6	ξ Arietis		3 5 54,86
	f. Tauri		22 15,13
	Moon	1st Limb	31 52 62
	γ Tauri		4 10 53 91
	δ¹ ——		13 54,99
7	γ ——		10 58 36
	δ ——		13 59 34
	Moon	1st Limb	22 15,16
	w Tauri		5 9 56 16
8	ι ——		4 53 52 50
	w ——		5 10 0,25
	Moon	1st Limb	15 50 86
	H Geminor.		55 10,68
	η ——		6 5 34 20
9	H ——		5 54 48 42
	η ——		6 5 38 30
	Moon	1st Limb	12 38 45
10	ζ Geminor.		55 1,81
	δ ——		7 10 58,59
	Moon	1st Limb	11 50 33
	β Geminor.		35 55 59
	φ ——		44 6 30
11	β ——		35 57 26
	φ ——		44 8 09
	Moon	1st Limb	8 12 15 38
	ξ Cancri		9 0 36 37
	λ Leonis		23 2 70
12	ξ Cancri		0 37,79
	Moon	1st Limb	12 22 83
	λ Leonis		23 3,86
13	η ——		59 7 36
	Moon	2d Limb	10 13 26,96
15	β Virginis		11 42 56,53
	π Virginis		52 20 38
	Moon	2d Limb	12 5 28 81
	δ Virginis		48 9 29
17	Moon	2d Limb	13 54 22 32
	α^2 Libræ		14 42 39 22
Mar. 8	ζ Tauri		5 29 2,38
	B ——		40 8 99
	Moon	1st Limb	47 37,13

1835	NAMES.		Observed Transit.
			h. m. s.
Mar. 8	ν Geminor.		6 20 25 58
9	ν ——		2 26,62
	ε ——		35 3,57
	Moon	1st Limb	44 47 03
	β Geminor.		7 36 29 69
10	ν ——		27 5.36
	β ——		36 33 13
	Moon	1st Limb	43 48 41
	γ Cancri		8 35 4 61
	δ ——		36 38 91
11	γ ——		35 6 06
	δ ——		8 36 40 44
	Moon	1st Limb	43 26 58
13	γ Leonis		10 12 14 98
	ρ ——		25 30 01
	Moon	1st Limb	19 40 31 27
	ι Leonis		11 16 42,22
	ξ Virginis		38 9 35
14	ι Leonis		11 16 41 25
	Moon	C	38 21 31
	η Virginis		12 12 49 98
	γ¹ ——		12 33 40 24
April 7	φ Geminor.		7 45 17,82
	6 Cancri		7 55 17 38
	Moon	1st Limb	8 17 15 45
	ξ Cancri		9 1 47 51
8	Moon	1st Limb	9 15 9 94
	η Leonis		10 0 16 95
	γ Leonis		10 12 49 38
10	κ Leonis		10 58 31 33
	Moon	1st Limb	11 8 39,39
	β Virginis		11 44 7,50
	π Virginis		11 54 26 32
11	β Virginis		11 44 8 96
	π Virginis		11 54 28 23
	Moon	1st Limb	12 4 28 41
	γ¹ Virginis		12 35 21,22
	δ Virginis		12 49 21 01
12	γ Virginis		12 35 22 06
	δ¹ Virginis		12 49 21,54
	Moon	1st Limb	13 0 32,98
	m Virginis		13 35 1,82
	χ Virginis		14 6 10 62
13	m Virginis		13 35 4.20
	Moon	2d Limb	14 0 13 08
	α^2 Libræ		14 43 52,53
	ξ^2 Libræ		14 49 56 42
May 8	ι Leonis		11 18 15,04
	Moon	1st Limb	11 38 26,16
	ξ^1 Virginis		11 39 42 68
	η Virginis		12 14 24 04
9	η Virginis		12 14 25 43
	Moon	1st Limb	12 32 45 47
	γ¹ Virginis		12 36 15 67
	θ Virginis		13 4 22,47
	a Virginis		13 19 28.23
10	a Virginis		13 4 23 95

1835		NAMES.		Observed Transit. h. m. s.
May	10	α Virginis		13 19 29,83
		Moon	1st Limb	13 28 16,69
		κ Virginis		14 7 5,51
		λ Virginis		14 13 11,12
	11	κ Virginis		14 7 7,55
		λ Virginis		14 13 13,00
		Moon	1st Limb	14 26 6,17
		ι^1 Librae		15 5 51,37
		γ Librae		15 29 20,08
June	5	β Virginis		11 43 0,89
		Moon	1st Limb	11 8 2 32
		γ^1 Virginis		12 34 13,54
		δ Virginis		12 48 13,19
	7	m Virginis		13 34 9,30
		Moon	1st Limb	13 56 1,94
		α^2 Librae		14 42 57,88
		ξ^2 Librae		14 49 1,40
	8	α^2 Librae		14 43 6,31
		ξ^2 Librae		14 49 10,05
		Moon	1st Limb	14 54 1 63
		η Librae		15 36 9 03
		θ Librae		15 45 47,44
	9	η Librae		15 36 15 57
		θ Librae		15 45 54 04
		Moon	1st Limb	15 55 53,17
		ω Ophiuchi		16 23 49 64
	10	ω Ophiuchi		16 23 56 81
		Moon	1st Limb	17 1 35,39
July	4	α Virginis		13 19 54 02
		Moon	1st Limb	13 37 14,62
	6	ι^1 Librae		15 6 19,73
		Moon	1st Limb	15 30 9 97
		β^2 Scorpii		15 59 21,11
	9	ϕ Sagittarii		18 39 3 82
		Moon	1st Limb	18 45 49 29
		σ Sagittarii		18 48 44 80
		h^2 Sagittarii		19 30 22,92
Aug.	2	α^2 Librae		14 42 20 96
		ι^1 Librae		15 3 25.17
		Moon	1st Limb	15 7 1 26
		δ Scorpii		15 51 11 32
		β Scorpii		15 56 27,20
	3	δ Scorpii		15 51 19,97
		β^1 Scorpii		15 56 35,91
		Moon	1st Limb	16 6 20 73
		A Ophiuchi		17 5 58 26
		θ Ophiuchi		17 12 38,74
	4	A Ophiuchi		17 6 3,68
		Moon	1st Limb	17 9 11,50
		θ Ophiuchi		17 12 44,23
	5	359 Sagittarii		17 58 35,95
		μ^1 Sagittarii		18 4 51 51

1835		NAMES.		Observed Transit. h. m. s.
Aug.	5	Moon	1st Limb	18 14 35,76
		π Sagittarii		19 0 55,01
	6	π Sagittarii		19 1 0,99
		Moon	1st Limb	19 20 31,66
		σ Capricorni		20 10 56,57
Sept.	1	4 Sagittarii		17 49 53,10
		Moon	1st Limb	17 52 15,84
	4	ψ Capricorni		20 36 40 00
		η Capricorni		20 55 21,30
		Moon	1st Limb	21 0 44,22
	6	τ^2 Aquarii		22 41 22,66
		δ Aquarii		22 46 24,80
		Moon	1st Limb	22 50 9,16
	29	Moon	1st Limb	18 38 53,54
		h^2 Sagittarii		19 28 4 63
		59 Sagittarii		19 48 14 02
Oct.	2	σ Capricorni		21 29 21,91
		Moon	1st Limb	21 40 12 39
	4	ψ^1 Aquarii		23 8 51 05
		ψ^3 Aquarii		23 12 59 65
		Moon	1st Limb	23 22 54 93
		π Piscium		23 55 5,97
		S Piscium		23 58 29,53
	5	τ Piscium		23 55 7 66
		S Piscium		23 58 31,19
		Moon	1st Limb	0 10 14 69
	29	Moon	1st Limb	21 25 6 86
		ϵ Aquarii		22 0 31,20
Nov.	5	π Arietis		2 40 11 52
		ϵ Arietis		2 49 53,22
		Moon	2d Limb	2 58 28,16
		η Tauri		3 37 47 31
	28	Moon	1st Limb	23 39 33 65
		s Piscium		23 57 29 05
Dec.	2	μ Ceti		2 36 41,27
		Moon	1st Limb	2 41 23,87
	3	f Tauri		3 22 29 26
		Moon	1st Limb	3 28 59,64
	28	ν Piscium		1 34 11,27
		o Piscium		1 38 1.73
		Moon	1st Limb	1 40 53 25
		ξ^2 Ceti		2 20 44 31
	30	δ Arietis		3 3 35,33
		ζ Arietis		3 6 48,69
		Moon	1st Limb	3 13 16,87
		A^1 Tauri		3 56
		ω^2 Tauri		4 9
	31	A^1 Tauri		3 56
		Moon	1st Limb	4 2
		τ Tauri		4 33
		ϵ Tauri		4 54

Not having received the corresponding observations to the above either from Greenwich or Cambridge, complete, we cannot for the present apply them to the determination of the Longitude.

in the years 1834 *and* 1835.

1834		Madras Mean Time. h. m. s.
Jan.	15—Emersion of Jupiter's first Satellite with 5 feet Achromatic power 101	at 10 28 35,5
	21—Immersion of Jupiter's third Satellite with 5 feet Achromatic power 60	at 10 20 56,6
	31—Emersion of Jupiter's first Satellite with 5 feet Achromatic power 240	at 8 49 31,3
Feb.	8—Emersion of Jupiter's second Satellite with 5 feet Achromatic power 150	at 8 52 45,8
	26—Immersion of Jupiter's third Satellite with 5 feet Achromatic power 150	at 6 23 56,7
	Emersion of Jupiter's third Satellite with 42 Inches Achromatic power 75	at 8 38 54,4
Oct.	6—Immersion of Jupiter's third Satellite with 5 feet Achromatic power 150—rather unsatisfactory by reason of a thin haze which rendered the Satellite obscure	at 10 50 5,0
	6—Emersion of Jupiter's third Satellite with 5 feet Achromatic power 150—very satisfactory	at 13 5 10,0
	16—Immersion of Jupiter's first Satellite at 16*h*. 17*m*. 26*s*. by Cronometer—observed with 5 feet Achromatic power 150,—I endeavored to notice the time when a diminution of the light of the Satellite commenced; at 16*h*. 15*m*. 40*s*. it appeared slightly fainter than at 2 or 3 minutes before; I estimate from this the probable commencement at 16*h*. 15*m*. 20*s*. the air was beautifully clear and I have never made a more satisfactory observation	at 16 21 41,0
	18—Immersion of Jupiter's second Satellite with 5 feet Achromatic power 150—observation good	at 15 13 16,5
Nov.	5—Immersion of Jupiter's second Satellite with 46 inches Achromatic power 75—good observation	at 9 44 54,8
Dec.	3—Emersion of Jupiter's first Satellite with 5 feet Achromatic power 210—observation pretty good	at 13 20 39,2
	7—Emersion of Jupiter's second Satellite with 5 feet Achromatic power 270—by reason of the rapid deposition of dew upon the object glass, this observation was rather unsatisfactory	at 12 51 11,3
	12—Emersion of Jupiter's first Satellite with 46 Inches Astromatic power 75—observation very satisfactory	at 9 44 14,0
	19—Emersion of Jupiter's first Satellite, with 5 feet Achromatic power 150—observation very good	at 11 38 21,0
	24—Emersion of Jupiter's third Satellite, with 46 Inches Achromatic power 75	at 9 15 1,5
	26—Emersion of Jupiter's first Satellite, with 46 Inches Achromatic power 70—clear—observation good	at 13 34 47,0

		Madras Mean Time. h. m. s.
1834		
Dec. 28	—Emersion of Jupiter's first Satellite, with 42 Inches Achromatic power 75—clear—observation good	at 8 3 4,5
1835		
Jan. 4	—Emersion of Jupiter's first Satellite, with 42 Inches Achromatic power 75—clear—observation good	at 9 54 30,5
8	—Emersion of Jupiter's first Satellite, with 42 Inches Achromatic power 75—clear—observation good	at 11 36 32,7
20	—Emersion of Jupiter's first Satellite, with 42 Inches Achromatic power 75—clear—observation good	at 8 17 36,4
Feb. 12	—Emersion of Jupiter's second Satellite, 42 Inches Achromatic power 75—Moon light—haze	at 8 34 11,3
	—Immersion of Jupiter's third Satellite, with 42 Inches Achromatic power 75	at 8 28 7,8
March 6	—Emersion of Jupiter's second Satellite, with 5 feet Achromatic power 110—good observation notwithstanding the proxmity of the Moon	at 8 28 7,8
30	—Emersion of Jupiter's first Satellite, with 42 Inches Achromatic power 75	at 9 7 23,8
April 15	—Emersion of Jupiter's first Satellite, with 5 feet Achromatic power 110—good observation	at 7 28 0,6
Nov. 6	—Immersion of Jupiter's second Satellite, with 5 feet Achromotic power 110	at 11 26 3,5
——	—Immersion of Jupiter's first Satellite, with 5 feet Achromatic power 110	at 12 28 18,2
22	—Immersion of Jupiter's first Satellite with 5 feet Achromatic power 110	at 10 43 20,7
Dec. 13	—Immersion of Jupiter's first Satellite with 5 feet Achromatic power 60 clear—good observation	at 16 24 40,7
15	—Immersion of Jupiter's first Satellite, with 5 feet Achromatic power 110	at 10 52 31,8

Occultations of the Planet Jupiter's and of Stars, in the years 1834 *and* 1835.

1834

Feb. 16—Immersion of a Star behind the Moon's Dark Limb with 5 feet Achromatic power 60, at 5*h*. 53*m*. 27,2*s*. by Shelton's Clock, or 8*h*. 9*m*. 58,6*s*. Madras Mean Time.

Sept. 29—Immersion of a Star behind the Moon's Dark Limb by 46 Inches Achromatic power 75, at 4*h*. 39*m*. 57,0*s*. Madras Mean Time.

Nov. 8—Immersion of ϵ Capricorni by the Moon's Dark Limb with 5 feet Achromatic power 60, at 7*h*. 48*m*. 3,6*s*. Madras Mean Time. Very satifactory observation.

1835

March 6—Immersion of 50 Tauri behind the Moon's Dark Limb with 5 feet Achromatic power 60, at 9*h*. 19*m*. 10,5*s*. Madras Mean Time.

	Madras Mean Time. h. m. s.
March 6—Immersion of Jupiter behind the Moon's Dark Limb observed with 5 feet Achromatic power 110—the Moon's border had evidently impinged upon the Planet's disc. at.....	10 6 39,44
The Centre of the Planet covered by the Moon's border	10 7 6,36
Total Occultation....	10 8 17,27

Nothing particular was noticed in the appearance of the Planet at immersion but when partly eclipsed a considerable distortion was noticed.—The time of commencement was, I believe accurate to one or two seconds of time, but the middle (from the distorted image of the Planet) cannot be depended upon to 5 seconds;—and the time of total occultation cannot I think be above a quarter of a second in error.

Observation of the Eclipse of the Moon on the 10th June 1835.

	Madras Mean Time. h. m. s.	Observed by
Beginning of the Eclipse.....	15 28 16,2	T
	15 28 21,2	J
End of the Eclipse.....	16 23 41,8	T
	16 23 46,8	J

The observations of the beginning and end was very satisfactory, but by reason of Clouds I was unable to make any intermediate Observations.

HALLEY'S COMET.

The observations of Halley's Comet which now follow, do not commence until the 30th August 1835, although it is probable it might have been observed several days previously had not cloudy weather prevented:—From this date up to the 5th February 1836 and on April 3d, the observations were made with Dolland's 5 feet Achromatic mounted as an Equatorial after a plan proposed I believe by Smeaton:—the telescope was supported upon a brick tablet surmounted by a slab of granite, into which I had introduced three pieces of brass, one having a conical hole, another a slit, and the third being a plane; these were "run in" with boiling lead, and with the tablet were as secure as could be desired:—the power employed was 60, and the observation consisted in noting the time by the Transit Clock when the Comet or Star occupied the centre of the field of the telescope (as pointed out by a neatly defined diaphraghm placed in the focus of the eye piece); when the declination and hour angle were read off—the former which is read off from a circle of 7 inches diameter (graduated to every 30′ but reading off to single minutes) can be depended upon to 1 or 2 minutes; whereas the latter (which is read off from a circle of $3\frac{3}{4}$ inches diameter graduated to every 4 minutes but reading off to every 20 seconds of *time* corresponding to 5′ of a great circle) cannot I fear be depended upon to 3′ or 4′—The observations on the meridian

with the Transit instrument were made by observing the time of disappearance behind the edge of a piece of paper pasted upon the second glass of the eye piece; the paper thus pasted was seen very distinctly, and could with great accuracy be made to coincide with the centre wire.

Observations of Halley's Comet.

1835	Madras Mean Time of Observation.	Apparent Right Ascension.	Apparent Declination.	No. of Obs.	Ref.	COMPARED WITH
	h. m. s.	*h. m. s.*	° ′ ″			
Aug. 30	15 47 30	5 49 22	+24 43 0	2	*a*	139 Tauri.
31	15 33 28	5 49 52	24 50 0	2	*b*	β ——
Sept. 19	15 39 40	6 10 57	29 36 50	6	*c*	κ Aurigæ.
20	15 6 48	12 43	30 0 6	5	*d*	Castor and Pollux.
23	14 54 51	17 29	31 36 46	5		ζ Aurigæ & No. 808 Geminor.
26	14 22 59	24 39	33 49 15	8		808 & 28 Geminor.
29	15 1 19	34 52	36 45 12	5		θ Geminor. & 65 Aurigæ.
Oct. 17	6 37 8	16 25 13	20 16 26	12	*e*	β Herculis.
18	6 38 1	35 48	15 14 46	12	*f*	α & ϵ Ophiuchi.
19	6 26 35	44 4	11 11 25	5	*g*	h & ϵ Ophiuchi.
20	6 18 14	50 37	7 49 44	10		γ Ophiuchi.
21	6 15 9	55 39	5 3 19	10		σ Ophiuchi and 45 Herculis.
22	6 1 5	17 0 1	2 42 5	10	*h*	h Ophiuchi.
22	6 23 5	16 59 51	2 40 5	10		h Ophiuchi.
23	6 12 5	17 3 18	0 42 5	10		21 Ophiuchi.
24	6 13 18	6 7	— 1 2 15	10		41 Ophiuchi.
26	6 4 42	10 20	3 47 53	10		41 Ophiuchi.
27	6 7 49	11 52	4 57 47	10		Ophiuchi & o Serpentis.
Nov. 5	6 29 3	16 22	11 23 26	10	*i*	47 Ophiuchi.
6	6 12 5	15 56	11 59 53	10	*k*	47 Ophiuchi.

NOTES AND REMARKS.

a I had adjusted the Instrument approximately only for the purpose of sweeping—on finding the Comet a further adjustment was made which (twilight approaching) only left time for two observations.

b Clouds prevented further observation.

c Continued cloudy weather every morning since the 21st.

d The Instrument very accurately adjusted—the sky particularly clear, and the Comet well defined, but not visible to the unassisted eye.

e Tail about 5° long—directed towards β Lyræ.

f Rather hazy—tail 4° or 5° long.

g Very clear, tail 15° or 20° long to my short sight; but one of the Assistants with a sextant measured it 30° long.

h The Comet appears better defined than I have yet seen it,—tail 15° long.

i The Telescopic appearance has improved, but by reason of Moonlight the appearance to the unassisted eye, is that of a nebulosity as bright as a Star of the 4th magnitude.

k The Nucleus neatly defined—to the unassisted eye the tail appeared 7° long.

1835	Madras Mean Time of Observation	Apparent Right Ascension.	Apparent Declination.	No. of Obs.	Ref.	COMPARED WITH
	h. m. s.	*h. m. s.*	° ′ ″			
Nov. 7	6 0 54	17 15 35	—12 23 27	10	*l*	47 Ophiuchi & ν Serpentis.
8	6 1 30	17 15 0	12 47 53	10	*m*	ν Serpentis.
9	6 10 33	17 14 33	13 11 39	10	*n*	ν Serpentis.
18	6 41 44	17 6 5	16 6 18	5	*o*	ξ Serpentis.
22	6 9 5	17 2 20	17 11 0	5		ξ Serpentis.
Dec. 28	17 18 15	16 21 4	24 15 18	12	*p*	α & ι Scorpii.
29	17 10 0	16 20 46	24 23 58	8		ι Scorpii.
1836						
Jan. 5	17 8 56	16 13 7	25 37 25	9		α Scorpii.
14	17 11 1	16 1 30	27 6 43	10		ι^1 & ι^2 Scorpii.
19	16 56 17	15 54 10	27 59 8	10	*q*	ι^1 & ι^2 ——
24	17 14 50	15 44 49	28 53 32	10		ρ Scorpii.
31	16 44 19	15 29 55	30 7 24	5	*r*	40 Librae.

NOTES AND REMARKS.

l The tail appears very well defined, and certainly brighter than I have yet seen it;—in the telescope, its appearance is brighter on the *North* than on the *South* side;—in the middle of it there appears a dark conical patch of about 10″ diameter at the base, which extends to a distance of 15′ or 20′ from the Comet; it there is very faint and blended with the tail, and at 30′ distance it is altogether lost: in the observations of the two last days, the hazy state of the air and presence of the Moon fully accounts for my not having noticed this before—whilst looking at this singular appearance, I cannot help fancying that the dark patch arises from the body of the Comet intercepting the light of the Sun, thereby causing the appearance of a conical shadow; to reconcile this supposition with the relative distances of the Comet, Earth, and Sun, it is necessary to suppose the Comet to be surrounded with an atmosphere of very considerable extent and of a highly retracting nature—the diameter of the Comet I estimate to be 10″ or 12″.

m n The above appearance continues.

o The Comet was very distinctly visible to the unassisted eye but by reason of trees obstructing the view from the station hitherto employed, I was obliged to remove the telescope to the verandah.

p Very distinct to the naked eye as a nebulosity.

q Very distinct with a moderate light in the field.

r The appearance of the Comet has much changed during the last seven days, the brightness being much diminished and the magnitude of the nucleus very much *decreased*, whilst that of the general outline has much *increased*: at present the diameter including the tail which surrounds it, is 10 or 12 *minutes*—visible as a nebulæ to the unassisted eye.

1835	Madras Mean Time of Observation.	Apparent Right Ascension.	Apparent Declination.	No. of Obr.	Ref.	COMPARED WITH
	h. m. s.	*h. m. s*	° ′ ″			
Feb. 5	16 57 29	15 16 27	—30 53 54	6	*s*	40 Libræ.
19	16 30 3	14 25 48	32 26 5			
23	15 56 48	14 8 13	32 28 45			
25	15 38 43	13 57 58	32 24 32			
27	15 20 56	13 48 1	32 16 2			
March 12	13 12 26	12 34 22	29 3 30			
13	13 3 20	12 29 11	28 42 1			Observed with the Transit Instrument and Mural Circle,—can be depended upon to 1*s.* of time for the A. R. and to 15″ or 20″ for Declination.
14	12 54 19	12 24 5	28 18 38			
15	12 45 22	12 19 3	27 54 23			
16	12 36 29	12 14 6	27 30 11			
17	12 27 43	12 9 15	27 4 41			
18	12 19 3	12 4 30	26 38 10			
19	12 10 23	11 59 50	26 11 29			
20	12 1 58	11 55 16	25 44 51			
21	11 53 34	11 50 47	25 17 12			
April 3	7 39 41	12 3 20	19 25 36	4	*t*	

NOTES AND REMARKS.

s The appearance of the Comet has altered considerably (making allowance for the presence of the Moon) the brilliancy has much diminished—it now appears as a faint nebulosity of uncertain figure.

t Air very clear—My Assistant fancied he could see it without the assistance of the telescope when pointed out to him.—I could not see it when on the meridian although clear—the appearance through the telescope was altogether visionary :—I sometimes doubting if I did see it or no ; the observations are however accordant.

From a few of the early observations I have computed the elements roughly as follows—

Perihelion Passage 1835 November 16,19 Madras M. T.

	° ′ ″
Longitude of Perihelion	304 12 10
—— of Ascending Node	55 9 16
Inclination	17 49 1
Ratio of the excentricity	,967632
Semi Axis major	17,98705
Motion	Retrograde.

OBSERVATIONS OF THE PLACES OF THE FIXED STARS.

At the outset of my Astronomical career at Madras, it occurred to me that one of the most useful purposes to which I could devote the Madras Instruments was that of determining the places of a large catalogue of Stars—limiting the number of observations to an extent that might leave me sure to two or three tenth of a second of time for the Right Ascension, and to two seconds of space for the Declination; accordingly in the first instance (in 1831) a catalogue of 1100 Stars were selected for observation, which in 1832 and 1833 was extended so as to include all those Stars (about 2800) of the Royal Astronomical Society's catalogue which are visible at Madras—since this period (in 1834 and 1835.) I have directed my attention to determining the places of those Stars of Bode's catalogue (3003 in number) which are not included in the Society's catalogue—in constructing the former catalogue little or no attention had been paid to the magnitude of the Stars beyond occasional practice for the sake of forming a habit of estimating magnitude—the result of this practice leads me to believe, that the magnitudes given on the present occasion (being the mean of all the observations at the transit and Circle,) can be depended upon to *half a magnitude.* With regard to the accuracy of the A. R. and Declinations—it will be as well to postpone the enquiry for the present, and proceed to state in what manner the reductions have been effected, and what precautions have been taken to guard against errors &c. In the first place the *plan* of reduction was to be considered; here I had no hesitation in giving a preference to that followed in constructing the Society's catalogue—in the next place the date for which the value *a, b, c, d,* &c. should be computed. I had commenced observing in 1834, but might be called away and prevented completing the catalogue for two or three years, —these considerations induced me to fix upon the year 1840; accordingly I applied to the places given in Bode's catalogue 40 times the annual variations there given, whereby the places for 1840 were known *(for this purpose)* to a sufficient degree of accuracy* and computed the values *a, b, c, d,* &c. as set down in the catalogue, from the following formulæ

$$
\begin{aligned}
a &= + \cos \alpha. \\
b &= + \sin \alpha. \\
c &= + 46'',024 + 20'',042 \sin \alpha. \tan \delta \\
d &= + \cos \alpha. \tan. \delta
\end{aligned}
$$

* This is true generally speaking, there are however two or three exceptions by reason of the rapid change of the annual variation and large proper motions.

$$a' = + \tan \omega . \text{Cos } \delta - \sin \alpha . \sin \delta$$
$$b' = + \text{Cos } \alpha \sin \delta$$
$$c' = + 20'',042 \text{ Cos } \alpha$$
$$d' = - \text{Sin } \alpha$$

this done—the resulting values of log a, log b &c. were neatly registered in a book which it was intended should be eventually employed in the ulterior computations, and the said book together with the details of the computation carefully locked up;—the computation was now again gone over anew, the results carefully compared with those registered in the fair book, and the discrepancies set right by a re-examination of each of the original computations, when the error, if occurring in the first computation, was rectified by neatly erasing the erroneous figures in the fair book—in the examination of the press, the proof sheet has always been compared with this original document, by which means errors (with the exception of those given in the errata) have I hope been completely avoided. For the subsequent part of the computation, the values of A, B, C, D, have been computed as has already been stated, from those given in the Nautical Almanacs; and, to guard against error, I have when practicable observed each star in each of the two years, whereby the coincidence of the resulting places was a very sufficient evidence that no error had been committed—where however observations could not be obtained in each of the two years, the corrections have been verified by comparison with those for the neighbouring stars, or have been recomputed—it had been my intention to have compared these observed places with *Bode's** catalogue for the determination of the proper motions, but having through the kindness of a friend at Madras been put in possession of *Piazzi's* catalogue, I have of course given to it the preference; the proper motions are determined by interpolating between the annual precessions given by Piazzi, and those furnished by the catalogue, for the year 1817,5 (the middle period between 1800 and 1835)—these on being compared with $\frac{M-P}{35}$ (where M represents the Madras place and P, that from Piazzi's catalogue) leaves us in possession of the proper motion.

The correction for A. R. $= A\alpha + B\beta + C\gamma + D\delta$
—Dec. $= A\alpha' + B\beta' + C\gamma' + D\delta'$

A

SUBSIDIARY CATALOGUE

OF

THE FIXED STARS

REDUCED TO JANUARY 1, 1835.

Together with the values of *a*, *b*, *c*, *d*, &c.

COMPUTED FOR THE YEAR 1840.

&c.

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
1	24 Ceti 6.7	3	0 1 52,08	+3,067	+8,8264	+6,7953	+0,4867	—7,8551
2	61 Andromedæ 6.7	3	4 58,13	3,094	,9405	7,2964	,4905	+8,7499
3	41 App. Sculp 7.8	3	6 37,67	3,039	,9146	,3913	,4827	—8,6818
4	95 Piscium 7	3	8 15,75	3,079	,8349	,4027	,4884	+8,1881
5	96 ——— 7	3	8 55,03	3,075	,8278	,4285	,4878	+7,9704
6	97 Piscium 7.8	3	9 17,05	3,083	+8,8395	+7,4588	+0,4890	+8,2650
7	σ Andromedæ 6	3	9 43,76	3,110	,9150	,5551	,4928	+8,6832
8	71 ——— 7	3	10 1,87	3,124	,9586	,6102	,4947	+8,7916
9	ρ ——— 6	3	12 27,04	3,123	,9214	,6643	,4946	+8,7017
10	105 Piscium 6	3	13 53,94	3,084	,8337	,6243	,4891	+8,1724
11	39 Cassiopeæ 6 6	2	15 44,75	3,236	+9,1366	+7,9812	+0,5100	+9,0782
12	106 Piscium 6	3	16 6,19	3,091	8,8349	,6885	,4901	+8,2009
13	96 Andramedæ 6	3	19 23,14	3,177	,9619	,8965	,5020	+8,7998
14	112 Piscium 6.7	3	19 23,85	3,109	,8457	,7803	,4922	+8,3502
15	η App. Sculp 5.6	3	19 44,28	2,990	,9031	,8450	,4757	—8,6493
16	π App. Sculp. 5.6	2	20 17,80	2,965	+8,9431	+7,8965	+0,4720	—8,7583
17	65 Ceti 7.8	3	21 27,83	3,064	8,8222	7,7991	,4863	—7,3650
18	47 Cassiopeæ 6.7	3	21 59,98	3,354	9,2064	8,1952	,5256	+9,1658
19	117 Piscium 7	2	22 13,52	3,103	8,8372	7,8299	,4918	+8,2544
20	53 Cassiopeæ 5.6	3	24 52,59	3,394	9,2097	8,2515	,5307	+9,1700
21	ψ App. Sculp 5 6	3	25 30,89	2,980	+8,8855	+7,9377	+0,4742	—8,5902
22	ξ ——— 7	3	25 38,25	2,959	8,9124	7,9668	,4711	—8,6800
23	58 Cassiopeæ 5.6	2	26 59,73	3,280	9,0442	8,1217	,5159	+8,9482
24	114 Andromedæ 6.7	3	27 37,56	3,148	8,8685	7,9555	,4980	+8,5162
25	115 ——— 5.6	2	27 49,78	3,223	8,9608	8,0510	,5083	+8,7994
26	125 Piscium 6	3	28 12,17	3,129	+8,8486	+7,9450	+0,4954	+8,3906
27	117 Andromedæ 7	2	28 26,68	3,139	,8569	7,9564	,4966	+8,4512
28	130 Piscium 6.7	2	30 47,34	3,135	,8480	7,9828	,4962	+8,3903
29	91 Ceti 7	3	32 12,12	3,009	,8399	7,9932	,4784	—8,3156
30	H Andromedæ 6	2	32 12,55	3,218	,9265	8,0807	,5076	+8,7214
31	128 Andromedæ 5.6	1	32 52,13	3,150	+8,8578	+8,0200	+0,4987	+8,4628
32	ξ Cassiopeæ 5.6	3	32 53,88	3,294	9,0080	,1711	,5177	+8,8899
33	99 Ceti 7	2	34 37,19	3,051	8,8203	,0059	,4844	—7,7369
34	λ² App. Sculp 6.7	3	34 45,86	2,901	8,9305	,1178	,4625	—8,7326
35	72 Cassiopeæ 5	4	34 53,23	3,786	9,3815	,5713	,5782	+9,3646
36	ο Cassiopeæ 5 6	3	35 33,67	3,294	+8,9881	+8,1853	+0,5177	+8,8550
37	74 ——— 5.6	3	35 56,05	3,361	9,0529	,2551	,5265	+8,9628
38	λ² App. Sculp 6	3	36 13,25	2,895	8,9298	,1343	,4616	—7,7314
39	75 Cassiopeæ 6	2	36 53,27	3,819	9,3769	,5911	,5819	+9,3597
40	78 ——— 7	3	38 41,23	3,343	9,0147	,2491	,5241	+8,9025
41	144 Piscium 6	3	39 10,63	3,151	+8,8446	+8,0842	+0,4984	+8,3797
42	ν Cassiopeæ 5	3	39 31,37	3,344	9,0102	,2543	,5243	+8,8951
43	148 Andromedæ 6.7	3	41 7,37	3,301	8,9608	,2224	,5186	+8,8036
44	82 Cassiopeæ 7	3	41 33,22	3,363	9,0146	,2797	,5267	+8,9026
45	1 Ursæ Min. 6.7	2	41 46,78	10,795	0,3113	9,5863	1,0332	+0,3111

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annnal P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						s.	″
1		— 6 8	+20,038	+9,6365	—9,0287	+1,3019	—7,9689	1	+,037	
2	5	+40 7 23,26	20,038	+9,5024	+9,8093	,3019	8,3558	12	—,006	—0,26
3	4	—35 49 19,60	20,035	+9,5682	—9,7669	,3018	,4765	20	+,032	—0,17
4	4	+12 59 59,49	20,030	+9,6180	+9,3529	,3017	,5674	27	+,015	—0,03
5	4	+ 7 57 19,83	20,027	+9,6274	+9,1423	,3016	,6003	30	+,020	—0,02
6	4	+15 24 52,85	20,026	+9,6096	+9,4251	+1,3016	—8,6189	32	+,029	—0.11
7	4	+35 52 12,31	20,025	+9,5132	+9,7678	,3016	,6397	35	+,008	0,00
8	4	+42 52 26,74	20,023	+9,4579	+9,8325	,3015	,6511	37	—,003	+0,01
9	4	+37 3 17,27	20,013	+9,4955	+9,7796	,3013	,7423	46	+,018	—0,02
10	4	+12 33 57,22	20,005	+9,6138	+9,3379	,3011	,7898	53	+,020	0,00
11	4	+60 54 57,93	19,995	+9,1761	+9,9405	+1,3009	—8,8436	58	+,023	+0,03
12	4	+13 24 2,28	19,993	+9,6075	+9,3650	,3009	,8525	61	+,011	—0,01
13	4	+43 28 53,40	19,970	+9,4082	+9,8363	,3004	,9330	74	+,004	0,00
14	4	+18 36 4,13	19,970	+9,5843	+9,5029	,3004	,9330	75	+,004	—0,02
15	4	—33 55 5,69	19,967	+9,6117	—9,7446	,3003	,9403	79	+,001	+0,04
16	4	—40 49 37,48	19,963	+9,5877	—9,8134	+1,3002	—8,9517	81	+,010	—0,02
17	4	— 2 1 38,06	19,954	+9,6405	—8,5409	,3000	,9750	87	+,021	—0,19
18	3	+65 36 23,38	19,949	+8,9590	+9,9574	,2999	,9868	90	+,038	—0,07
19	3	+15 7 27,40	19,947	+9,5944	+9,4151	,2999	8,9907	92	+,007	—0,15
20	4	+65 50 22,34	19,923	+8,8865	+9,9577	,2994	9,0392	105	+,035	—0,02
21	4	—30 28 4,96	19,917	+9,6345	—9,7019	+1,2992	—9,0494	109	—,003	—0,04
22	4	—35 53 23,67	19,916	+9,6212	—9,7649	,2992	,0516	111	+,013	—0,50
23	4	+53 15 31,35	19,902	+9,2148	+9,9009	,2989	,0744	118	+,018	+0,02
24	4	+26 20 47,64	19,895	+9,5250	+9,6445	,2988	,0838	122	—,019	+0,03
25	4	+43 34 39,35	19,893	+9,3617	+9,8353	,2987	,0869	124	—,002	+0,04
26	3	+20 21 31,65	19,889	+9,5609	+9,5386	+1,2986	—9,0930	126	+,006	—0,51
27	4	+23 6 25,22	19,887	+9,5441	+9,5908	,2986	,0961	127	+,010	—0,02
28	4	+20 21 31,65	19,860	+9,5563	+9,5383	,2980	,1308	138	—,035	—0,51
29	4	—17 25 19,42	19,844	+9,6590	—9,4714	,2976	,1489	144	+,021	0,00
30	4	+38 33 6,65	19,843	+9,3997	+9,7906	,2976	,1498	143	+,024	—0,02
31	4	+23 43 25,38	19,835	+9,5302	+9,6005	+1,2974	—9,1577	148	+,034	+0,02
32	4	+49 36 17,75	19,835	+9,2330	+9,8774	,2974	,1586	147	+,027	—0,15
33	4	— 4 45 46,73	19,812	+9,6483	—8,9115	,2969	,1806	157	+,020	—0,11
34	5	—39 22 8,18	19,816	+9,6355	—9,7970	,2969	,1822	158	—,001	+0,03
35	4	+74 5 0,48	19,807	—8,4472	+9,9779	,2968	,1847	156	—,030	—0,09
36	4	+47 22 49,69	19,799	+9,2528	+9,8616	+1,2967	—9,1919	160	+,011	+0,07
37	4	+54 18 58,86	19,794	+9,0969	+9,9044	,2965	,1967	162	+,019	—0,12
38	5	—39 19 54,98	19,791	+9,6395	—9,7962	,2965	,1991	164	+,026	+0,08
39	4	+73 56 39,93	19,780	—8,5563	+9,9770	,2962	,2085	165	—,032	—0,04
40	4	+50 32 31,95	19,755	+9,1614	+9,8815	,2957	,2281	181	+,002	—0,05
41	4	+20 1 17,29	19,748	+9,5428	+9,5286	+1,2955	—9,2332	186	+ 029	+0,15
42	4	+50 3 54,26	19,742	+9,1614	+9,8783	,2954	,2375	187	+,020	—0,21
43	4	+44 6 5,06	19,717	+9,2735	+9,8357	,2948	,2544	196	+,015	+0,01
44	4	+50 36 26,29	19,712	+9,1303	+9,8810	,2947	,2586	199	+,020	—0,08
45	4	+88 8 2,67	19,697	—9,2332	+9,9922	,2944	,2674	177	+,154	—0,03

No.	Star's name and Mag.	No. Obs	Rsght Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
46	83 Cassiopeæ 6.7	3	0 42 11,55	+3,368	+9,0148	+8,2869	+0,5274	+8,9034
47	155 Piscum 6.7	2	42 49,24	3,079	8,8166	,0957	,4884	+7,1592
48	129 Ceti 7	3	43 1,26	3,023	8,8231	,1043	,4804	—8,0748
49	85 Cassiopeæ 5	3	43 16,84	3,509	9,1204	,4043	,5452	+9,0590
50	60 Phœnicis 7.8	3	44 9,33	2,814	8,9631	,2558	,4493	—8,8094
51	88 Cassiopeæ 6.7	2	44 18,86	3,397	+9,0245	+8,3192	+0,5311	+8,9201
52	v^1 —— 5.6	3	45 15,33	3,492	9,0923	,3962	,5431	+9,0212
53	135 Ceti 6 7	3	45 58,20	3,023	8,8211	,1315	,4804	—8,0433
54	162 Piscium 7	3	46 46,71	3,096	8,8171	,1351	,4908	+7,8351
55	v^2 Cassiopeæ 5	3	46 53,50	3,511	9,0943	,4142	,5454	+9,0242
56	156 Andromedæ 7	3	47 13,31	3,256	+8,8978	+8,2203	+0,5127	+8,6495
57	169 Piscium 7	4	49 46,55	3,098	8,8159	8,1616	,4911	+7,8339
58	322 Cephei 6	2	49 55,10	7,585	0,0014	9,3537	,8799	+0,0005
59	165 Andromedæ 7.8	3	51 56,63	3,365	8,9599	8,3250	,5270	+8,8062
60	173 Piscium 6.7	3	52 49,84	3,207	8,8529	8,2254	,5061	+8,4695
61	177 Piscuim 7.8	1	53 32,51	3,107	+8,8152	+8,1938	+0,4923	+7,9062
62	167 Andromedæ 5.6	3	53 39,56	3,334	8,9306	,3104	,5230	+8,7430
63	σ^1 Piscium 6	3	53 47,78	3,255	8,8784	,2593	,5125	+8,5896
64	ζ Mach Elect 6	3	54 33,33	2,867	8,8849	,2719	,4574	—8,6142
65	103 Cassiopeæ 6.7	3	55 10,25	3,451	9,0037	,3962	,5379	+8,8885
66	27 Messoris 6.7	3	55 41,18	3,959	+9,2781	+8,6749	+0,5976	+9,2513
67	μ Cassiopeæ 6		57	3,526	9,0425	,4504	,5473	+8,9513
68	σ^2 Piscium 7	3	57 7,92	3,270	8,8785	,2865	,5145	+8,5943
69	190 —— 7	2	57 16,54	3,092	8,8112	,2202	,4902	+7,6601
70	158 Ceti 6.7	2	57 21,20	3,005	8,8179	,2274	,4778	—8,0919
71	106 Cassiopeæ 7	3	57 23,67	3,503	+9,0269	+8,4369	+0,5444	+8,9271
72	107 —— 6.7	2	57 38,18	3,448	8,9903	,4025	,5376	+8,8661
73	159 Ceti 6	2	57 48,60	3,005	8,8174	,2306	,4778	—8,0862
74	d Rangiferis 6.7	3	58 18,16	4,777	9,5219	,9392	,6792	+9,5135
75	d Andromedæ. 5.6	3	58 34,27	3,385	8,9459	,3648	,5296	+8,7804
76	195 Piscium 7	2	58 54,94	3,274	+8,8769	+8,2983	+0,5151	+8,5906
77	197 —— 6.7	2	59 16,36	3,250	8,8632	,2877	,5119	+8,5351
78	161 Ceti 7	2	59 29,62	3,075	8,8091	,2351	,4878	+7,1179
79	110 Cassiopeæ 6.7	3	59 35,44	3,919	9,2338	,6608	,5931	+9,2007
80	113 —— 5	3	1 0 57,19	3,797	9,1690	6065	,5794	+9,1232
81	181 Andromedæ 6.7	1	0 58,57	3,377	+8,9320	+8,3691	+0,5285	+8,7510
82	203 Piscium 6.7	2	1 23,37	3,231	8,8494	,2894	,5093	+8,4691
83	I Andromedæ 6	2	1 52,26	3,337	8,9046	,3491	,5234	+8,6827
84	g Piscium 7	3	2 2,12	3,280	8,8726	,3181	,5159	+8,5789
85	4 Rangiferis 7	3	2 13,51	4,931	9,5288	,9762	,6929	+9,5209
86	L Andromedæ 7.8	3	3 3,03	3,426	+8,9538	+8,4060	+0,5348	+8,7993
87	169 Ceti 6.7	3	3 20,64	3,048	8,8076	,2622	,4840	—7,5406
88	q Messoris 7	3	4 28,20	4,145	9,2915	,7547	,6175	+9,2669
89	173 Ceti 7	3	4 29,74	3,018	8,8102	,2729	,4797	—7,9326
90	θ Mach. Elect. 6	3	5 9,17	2,767	8,9137	,3806	,4420	—8,7097

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						s.	″
46	3	+50 40 19,00	+19,701	+9,1238	+9,8812	+1,2945	—9,2647	203	+,008	—0,07
47	4	+ 2 29 21,60	19,690	+9,6294	+8,6348	,2913	,2714	207	+,019	—0,02
48	4	—10 18 21,50	19,687	+9,6637	—9,2139	,2912	,2734	210	+,012	—0,09
49	4	+60 12 59,49	19,683	+8,7076	+9,9307	,2941	,2760	209	—,002	+0,02
50	4	—44 36 30,54	19,669	+9,6474	—9,8381	,2938	,2845	212	+,001	—0,13
51	5	+51 47 34,03	19,665	+9,0645	+9,8872	+1,2937	—9,2864	211	+,021	+0,01
52	4	+58 4 39,63	19,649	+8,7924	+9,9203	,2933	,2953	217	—,001	—0,11
53	4	— 9 38 12,49	19,637	+9,6637	—9,2132	,2931	,3015	222	+,007	—0,25
54	4	+ 5 57 31,33	19,623	+9,6138	+9,0088	,2928	,3089	227	+,023	+0,06
55	4	+58 17 18,02	19,620	+8,7324	+9,9206	,2927	,3107	226	—,005	+0,02
56	4	+34 19 59,88	19,615	+9,3838	+9,7423	+1,2926	—9,3131	229	—,017	—0,06
57	4	+ 5 57 6,19	19,568	+9,6117	+9,0076	,2916	,3353	246	+,014	+0,01
58	4	+86 15	19,554	—9,2810	+9,9883	,2912	,3416	234	—,370	
59	4	+44 33 41,47	19,526	+9,1790	+9,8349	,2906	,3537	254	+,016	—0,16
60	4	+24 24 8,97	19,508	+9,4771	+9,6049	,2902	,3608	258	+,015	—0,09
61	4	+ 7 3 2,05	19,494	+9,6042	+9,0789	+1,2899	—9,3666	260	+,003	+0,18
62	4	+40 27 21,41	19,499	+9,2528	+9,8003	,2898	,3677	259	+,002	—0,03
63	4	+30 55 1,39	19,488	+9,4014	+9,6990	,2898	,3687	261	,000	0,00
64	5	—32 26 28,37	19,473	+9,6928	—9,7167	,2894	,3744	265	+,022	+0,04
65	2	+50 7 16,25	19,459	+8,9731	+9,8719	,2891	,3796	267	+,008	—0,18
66	4	+70 2 40,26	19,448	—8,8976	+9,9601	+1,2889	—9,3837	268	+,007	—0,11
67	4	+54 6 27,06	19,418	+8,7243	+9,8950	,2882	,3942	277		—1,64
68	1	+31 17 49,02	19,418	+9,3838	+9,7020	,2882	,3942	278	+,013	0,00
69	4	+ 4 1 39,86	19,415	+9,6180	+8,8351	,2881	,3952	280	—,018	—0,21
70	4	—10 51 49,07	19,414	+9,5717	—9,2602	,2881	,3957	284	+,007	—0,08
71	3	+52 36 47,62	19,412	+8,8129	+9,8863	+1,2881	—9,3961	279	+,025	—0,05
72	4	+48 40 15,99	19,406	+8,9934	+9,8618	,2879	,3981	285	+,007	+0,03
73	4	—10 43 31,32	19,404	+9,6739	—9,2546	,2879	,3991	286	+,004	—0,07
74	4	+78 47 32,54	19,392	—9,2148	+9,9773	,2876	,4030	283	+,027	+0,04
75	4	+43 3 39,85	19,387	+9,1584	+9,8200	,2875	,4044	290	+,009	—0,08
76	4	+31 7 49,28	19,380	+9,3784	+9,6991	+1,2874	—9,4068	291	+,029	—0,04
77	3	+27 59 19,10	19,371	+9,4183	+9,6570	,2872	,4097	294	+,016	—0,08
78	5	+ 1 7 43,65	19,366	+9,6325	+8,2939	,2871	,4111	295	+,014	—0,47
79	4	+67 53 52,65	19,363	—8,8808	+9,9519	,2870	,4121	293	+,010	+0,02
80	4	+64 8 19,33	19,331	—8,6875	+9,9386	,2863	,4219	305	—,012	—0,05
81	4	+41 12 10,46	19,333	+9,1818	+9,8033	+1,2863	—9,4214	306	—,002	+0,05
82	4	+24 34 54,10	19,324	+9,4533	+9,6038	,2861	,4241	310	+,011	—0,18
83	4	+36 50 41,29	19,310	+9,2718	+9,7619	,2858	,4283	313	+,006	+0,02
84	4	+30 32 40,23	19,307	+9,3766	+9,6900	,2857	,4292	1	+,014	—0,03
85	4	+79 1 48,15	19,300	—9,2609	+9,9756	,2856	,4310	309	+,020	+0,02
86	4	+44 27 25,88	19,276	+9,0719	+9,8288	+1,2852	—9,4355	9	+,021	—0,04
87	4	— 3 7 41,52	19,247	+9,6513	—8,7161	,2850	,4377	10	+,015	+0,08
88	6	+70 52 5,68	19,249	—9,0828	+9,9578	,2844	,4456	12	+,007	+0,01
89	4	— 7 39 34,66	19,249	+9,6693	—9,1048	,2844	,4451	14	+,008	+0,01
90	4	—38 43 55,71	19,234	+9,7110	—9,7781	,2841	,4491	20	+,016	0,00

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
91	b Ceti 7.8	3	1 6 5,58	+3,009	+8,8106	+8,2845	+0,4784	—7,9944
92	189 Andromedæ 7.8	4	6 42,92	3,484	8,9732	,4517	,5421	+8,8390
93	192 ——— 6 7	3	7 8,13	3,312	8,8777	,3585	,5201	+8,6052
94	223 Piscium 7.8	4	7 56,88	3,212	8,8320	,3187	,5068	+8,3705
95	193 Andromedæ 7	2	8 28,57	3,485	8,9668	,4575	,5422	+8,8278
96	182 Ceti 7	2	9 25,30	3,008	+8,8083	+8,3048	+0,4783	—7,9780
97	ϕ Cassiopeæ 5.6	3	9 45,24	3,696	9,0717	,5708	,5677	+8,9971
98	119 ——— 6.7	2	10 9,09	3,890	9,1584	,6602	,5899	+9,1113
99	230 Piscium 7.8	2	10 52,28	3,085	8,8030	,3092	,4893	+7,4339
100	199 Andromedæ 6.7	5	12 37,29	3,454	8,9356	,4529	,5383	+8,7672
101	33 Messoris 6.7	3	13 46,05	4,244	+9,2699	+8,7948	+0,6278	+9,2433
102	242 Piscium 6.7	3	14 11,31	3,097	8,8016	,3290	,4909	+7,6342
103	203 Andromedæ 6	4	14 15,81	3,388	8,8976	,4250	,5299	+8,6758
104	204 ——— 6.7	3	14 17,54	3,349	8,8789	,4068	,5249	+8,6197
105	243 Piscium 7	2	14 20,12	3,117	8,8033	,3316	,4937	+7,8616
106	245 Piscium 7.8	3	14 59,41	3,200	+8,8194	+8,3519	+0,5051	+8,2849
107	C Mach. Elect 7	3	15 43,09	2,863	8,8429	,3799	,4568	—8,4719
108	M Andromedæ 6	4	16 38,21	3,473	8,9323	,4749	,5407	+8,7630
109	C^2 Phœnicis 6	3	17 22,70	2,664	8,9296	,4763	,4255	—8,7578
110	256 Piscium 7.8	3	17 28,49	3,223	8,8234	,3709	,5083	+8,3411
111	ω Andromedæ 5.6	3	17 49,21	3,508	+8,9456	+8,4951	+0,5451	+8,7919
112	K Piscium 6.7	3	18 28,36	3,340	8,8654	,4189	,5237	+8,5791
113	4 Persei 6.7	4	18 55,27	3,622	8,9973	,5536	,5589	+8,8870
114	126 Cassiopeæ 6.7	3	19 4,50	4,278	9,2520	,8095	,6312	+9,2234
115	A Andromedæ 5.6	3	20 14,48	3,547	8,9562	,5204	,5499	+8,8145
116	128 Cassiopeæ 7	3	20 33,37	4,188	+9,2153	+8,7814	+0,6220	+9,1812
117	1 Trianguli 7 8	3	22 5,39	3,324	8,8518	,4264	,5217	+8,5318
118	268 Piscium 7	3	23 0,05	3,152	8,8014	,3810	,4986	+8,0439
119	χ Cassiopeæ 5.6	4	23 12,05	3,843	9,0753	,6568	,5847	+9,0057
120	36 Messoris 6.7	2	24 0,77	4,689	9,3400	,9261	,6711	+9,3217
121	39 Mach. Elect. 7	3	24 17,90	2,849	+8,8345	+8,4217	+0,4547	—8,4517
122	S Ceti 6.7	4	24 50,30	2,984	8,7997	,3899	,4748	—8,0321
123	h Cassiopeæ 6	3	25 28,72	4,593	9,3082	,9025	,6621	+9,2870
124	λ Mach. Elect. 5	3	25 32,83	2,691	8,8044	,4883	,4299	—8,6806
125	7 Rangiferis 7	3	25 49,56	5,222	9,4458	9,0424	,7178	+9,4349
126	8 Persei 6.7	4	26 24,13	3,614	+8,9659	+8,5650	+0,5580	+8,8364
127	132 Cassiopeæ 7	3	27 3,19	3,985	9,1134	,7161	,6004	+9,0574
128	235 Ceti 7	2	27 17,92	2,942	8,8049	,4084	,4686	—8,1947
129	Mach. Elect. 6	2	28 30,80	2,768	8,8562	,4665	,4422	—8,5644
130	χ Andromedæ 7	3	29 29,29	3,553	8,9298	,5456	,5506	+8,7682
131	11 Persei 6.7	3	29 46,59	3,749	+9,0107	+8,6283	+0,5739	+8,9134
132	ω Cassiopeæ 6	2	30 13,98	4,294	9,2014	,8218	,6329	+9,1661
133	g ——— 6	3	30 16,62	4,468	9,2512	,8716	,6501	+9,2237
134	τ Andromedæ 5.6	4	30 52,22	3,499	8,9030	,5263	,5438	+8,7091
135	49 Mach. Elect. 6.7	2	31 5,34	2,817	8,8342	,4582	,4498	—8,4732

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						*s.*	″
91	1	— 8 48 36,70	+19,209	+9,6749	—9,1654	+1,2835	—9,4555	24	+,018	+0,34
92	4	+47 12 30,46	19,193	+8,9191	+9,8469	,2831	,4597	26	+,006	+0,03
93	4	+32 14 33,43	19,185	+9,3284	+9,7084	,2829	,4618	29	+,009	+0,02
94	4	+20 10 52,45	19,164	+9,4857	+9,5190	,2824	,4672	30	+,010	—0,17
95	4	+46 32 53,62	19,147	+8,9191	+9,8412	,2821	,4709	31	+,011	+0,03
96	4	— 8 31 53,36	19,124	+9,6749	—9,1493	+1,2816	—9,4761	38	+,010	+0,08
97	4	+57 21 43,81	19,114	—8,2787	+9,9048	,2813	,4785	37	+,005	+0,06
98	4	+63 47 23,62	19,104	—8,8976	+9,9321	,2811	,4809	40	+,032	+0,01
99	4	+ 2 25 15,11	19,085	+9,6232	+8,6096	,2807	,4849	44	+,016	—0,02
100	4	+42 43 4,25	19,038	+9,0294	+9,8093	,2796	,4950	50	+,008	+0,04
101	4	+70 6 55,20	19,006	—9,1818	+9,9503	+1,2789	—9,5019	52	+,004	—0,13
102	4	+ 3 52 24,46	18,995	+9,6138	+8,8093	,2786	,5041	59	+,003	—0,10
103	4	+36 51 6,08	18,995	+9,1931	+9,7549	,2786	,5041	55	+,007	+0,01
104	4	+33 22 32,10	18,993	+9,2707	+9,7174	,2786	,5045	56	+,023	+0,07
105	5	+ 6 32 37,28	18,991	+9,5955	+9,0348	,2785	,5049	60	+,024	+0,20
106	4	+16 57 24,39	18,972	+9,5065	+9,4417	+1,2781	—9,5086	63	+,016	—0,01
107	4	—25 13 3,45	18,951	+9,7251	—9,6046	,2776	,5126	68	,000	—0,09
108	4	+42 35 58,10	18,925	+8,9823	+9,8058	,2770	,5177	69	+,005	—0,03
109	4	—42 21 10,57	18,905	+9,7356	—9,8028	,2766	,5213	76	+,011	+0,04
110	4	+19 12 43,11	18,901	+9,4774	+9,4922	,2765	,5221	73	+,009	—0,06
111	4	+44 33 5,24	18,892	+8,8722	+9,8206	+1,2763	—9,5239	74	+,042	—0,11
112	4	+31 6 42,74	18,872	+9,2945	+9,6876	,2758	,5274	79	+,017	—0,06
113	4	+50 49 37,96	18,858	+8,0792	+9,8632	,2755	,5299	81	+,008	—0,03
114	4	+69 24 41,08	18,852	—9,2201	+9,9448	,2754	,5309	80	+,048	—0,15
115	4	+46 9 13,19	18,818	+8,7160	+9,8309	,2746	,5368	89	+,011	—0,01
116	4	+67 33 27,98	18,808	—9,1875	+9,9383	+1,2744	—9,5385	88	+,031	—0,06
117	4	+28 33 48,36	18,764	+9,3284	+9,6514	,2733	,5460	97	+,024	—0,07
118	3	+10 2 5,63	18,736	+9,5623	+9,2132	,2727	,5504	101	+,009	—0,12
119	4	+58 22 54,91	18,726	—8,8808	+9,9009	,2725	,5520	100	,000	—0,05
120	4	+73 27 12,60	18,701	—9,3463	+9,9516	,2719	,5560	102	+,028	+0,08
121	3	—24 29 46,85	18,695	+9,7356	—9,5869	+1,2717	—9,5569	103	+,015	—0,12
122	4	— 9 51 59,80	18,678	+9,6903	—9,2018	,2713	,5596	108	+,015	—0,13
123	4	+72 11 47,55	18,655	—9,3344	+9,9476	,2708	,5631	106	—,014	+0,13
124	4	—37 42 50,74	18,657	+9,7528	—9,7551	,2708	,5628	109	+,010	—0,05
125	4	+77 7 35,97	18,642	—9,4183	+9,9575	,2705	,5650	105	+,010	+0,09
126	4	+47 52 36,11	18,627	+8,2304	+9,8387	+1,2701	—9,5673	113	+,007	—0,05
127	4	+61 30 26,85	18,605	—9,0792	+9,9117	,2696	,5704	116	—,002	+0,05
128	4	—14 13 44,59	18,601	+9,7084	—9,3573	,2695	,5711	122	+,026	+0,04
129	4	—30 45 15,54	18,560	+9,7520	—9,6748	,2686	,5770	127	+,001	+0,07
130	4	+43 32 37,64	18,527	+8,7076	+9,8043	,2678	,5816	129	+,007	—0,01
131	4	+53 1 39,93	18,515	—8,6532	+9,8683	+1,2675	—9,5831	130	—,003	+0,03
132	4	+67 12 21,56	18,497	—9,2718	+9,9299	,2671	,5856	133	+,022	+0,12
133	4	+69 47 1,15	18,498	—9,3263	+9,9376	,2671	,5856	132	+,051	—0,05
134	4	+39 44 14,69	18,480	+8,9324	+9,7708	,2667	,5880	137	+,017	—0,12
135	4	—25 51 49,35	18,477	+9,7482	—9,6036	,2666	,5886	140	+,019	—0,04

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
136	δ Mach. Elect. 6.7	4	1 31 7,40	+2,673	+8,8879	+8,5123	+0,4270	—8,6706
137	229 Andromedæ 5	3	31 46,29	3,535	8,9156	,5435	,5484	+8,7396
138	137 Cassiopeæ 6	1	32 13,90	3,960	9,0853	,7156	,5977	+9,0218
139	*d* Trianguli 7	3	32 48,68	3,357	8,8440	,4771	,5259	+8,5255
140	52 Mach. Elect. 6.7	3	34 12,59	2,656	8,8950	,5353	,4209	—8,6930
141	μ Mach. Elect. 6	3	34 41,55	2,717	+8,8626	+8,5053	+0,4341	—8,6000
142	56 ——— 5.6	2	34 46,08	2,653	8,8867	,5301	,4237	—8,6723
143	255 Ceti 7	4	35 36,49	3,015	8,7868	,4347	,4793	—7,7723
144	142 Cassiopeæ 6.7	2	35 54,22	4,139	9,1285	,7778	,6169	+9,0786
145	N Andromedæ 6.7	4	37 42,40	3,631	8,9369	,5953	,5600	+8,7898
146	*e* Rangiferis 7	3	38 34,35	5,572	+9,4439	+9,1073	+0,7460	+9,4334
147	235 Andromedæ 6	3	38 56,18	3,493	8,8805	8,5452	,5432	+8,6616
148	302 Piscium 6.7	4	39 53,58	3,097	8,7816	,4510	,4909	+7,4857
149	18 Persei 6	3	40 25,81	3,773	8,9831	,6551	,5767	+8,8745
150	61 Mach. Elect. 7	3	40 35,55	2,625	8,8837	,5560	,4191	—8,6726
151	19 Persei 6.7	3	41 12,00	3,867	+9,0143	+8,6905	+0,5874	+8,9241
152	*g* ——— 6.7	4	41 42,30	3,755	8,9713	,6508	,5746	+8,8556
153	κ^1 Mach. Elect. 6.7	3	42 41,50	2,595	8,8893	,5720	,4141	—8,6901
154	21 Persei 7	3	43 7,33	3,730	8,9584	,6437	,5717	+8,8339
155	*d* Cassiopeæ 6.7	3	43 17,81	4,506	9,2024	,8890	,6538	+9,1693
156	240 Andromedæ 6.7	3	43 25,16	3,557	+8,8933	+8,5799	+0,5511	+8,7009
157	ω Mach. Elect. 7	2	44 23,89	2,563	8,8969	,5876	,4087	—8,7106
158	39 Messoris 6.7	3	44 52,59	4,934	9,2954	,9897	,6932	+9,2746
159	22 Persei 7	3	45 10,99	3,798	8,9764	,6713	,5795	+8,8663
160	242 Andromedæ 6.7	1	45 14,11	3,505	8,8700	,5655	,5447	+8,6427
161	243 Andromedæ 6	2	46 10,41	3,510	+8,8700	+8,5697	+0,5453	+8,6443
162	65 Mach. Elect. 6.7	2	46 16,87	2,576	8,8872	,5872	,4109	—8,6898
163	F Andromedæ 6	7	46 22,77	3,511	8,8698	,5703	,5454	+8,6438
164	25 Persei 6.7	2	48 6,80	3,754	8,9514	,6605	,5745	+8,8253
165	20 Trianguli 6.7	3	48 22,48	3,379	8,8235	,5334	,5287	+8,4810
166	*e* Cassiopeæ 5.6	2	48 32,11	4,760	+9,2416	+8,9531	+0,6776	+9,2150
167	147 ——— 6	2	48 51,55	5,624	9,4049	9,1180	,7501	+9,3928
168	υ^1 Ceti 6	4	48 56,46	2,804	8,8096	8,5221	,4478	—8,4068
169	*f* Cassiopeæ 4.5	2	49 30,19	4,926	9,2739	8,9898	,6925	+9,2512
170	150 ——— 6	1	49 59,03	5,435	9,3685	9,0865	,7352	+9,3542
171	151 Cassiopeæ 6	2	50 40,02	4,351	+9,1311	+8,8522	+0,6386	+9,0852
172	153 ——— 6.7	2	50 52,29	4,324	9,1229	8,8449	,6359	+9,0751
173	152 ——— 7	2	51 10,35	5,221	9,3251	9,0487	,7177	+9,3076
174	27 Persei 5	4	51 21,74	3,920	8,9980	8,7222	,5933	+8,9044
175	ψ Phœnicis 7	2	51 34,24	2,505	8,8987	8,6231	,3988	—8,7238
176	υ^2 Ceti 5	3	52 13,77	2,816	+8,8018	+8,5293	+0,4496	—8,3726
177	ϕ^2 Phœnicis 6	4	52 50,46	2,482	8,9033	,6335	,3948	—8,7354
178	ϵ Trianguli 6	2	53 21,21	3,473	8,8422	,5754	,5407	+8,5726
179	*a* Piscium 4.5	2	53 31,17	3,090	8,7683	,5019	,4899	+7,3112
180	ν^1 Mach. Elect. 5.6	2	53 52,74	2,688	8,8336	,5687	,4294	—8,5425

No.	No. Obs	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						s.	″
136	4	−37 21 51,29	+18,473	+9,7634	−9,7472	+1,2665	−9,5890	141	−,003	−0,19
137	4	+41 46 58,95	18,450	+8,7993	+9,7880	,2660	,5919	142	+,084	−0,03
138	4	+59 42 53,03	18,434	−9,0828	+9,9001	,2656	,5940	143	+,033	−0,10
139	4	+28 40 8,97	18,416	+9,2830	+9,6446	,2652	,5963	148	+,008	−0,04
140	4	−38 58 18,60	18,367	+9,7694	−9,7603	,2640	,6024	156	+,006	−0,02
141	4	−33 9 38,68	18,350	+9,7649	−9,6991	+1,2636	−9,6045	157	+,030	+0,03
142	4	−37 39 59,97	18,346	+9,7708	−9,7471	,2635	,6050	158	−,009	−0,10
143	4	− 5 35 50,74	18,315	+9,6730	−8,9463	,2628	,6087	160	−,015	−0,06
144	4	+63 2 3,42	18,306	−9,2227	+9,9107	,2626	,6099	159	+,009	−0,19
145	4	+45 24 11,80	18,241	+7,9542	+9,8119	,2611	,6175	166	+,013	−0,18
146	4	+77 22 38,62	18,205	−9,4976	+9,9476	+1,2602	−9,6216	165	+,095	0,00
147	4	+37 7 41,74	18,195	+8,9685	+9,7391	,2599	,6227	170	+,012	+0,02
148	4	+ 2 51 32,45	18,160	+9,6149	+8,6612	,2591	,6265	175	+,005	0,00
149	4	+51 6 57,74	18,140	−8,7708	+9,8481	,2587	,6286	176	+,011	−0,14
150	4	−37 59 6,03	18,138	+9,7803	−9,7455	,2586	,6289	178	+,009	+0,11
151	4	+54 19 32,99	18,108	−8,9791	+9,8648	+1,2579	−9,6321	177	+,006	−0,07
152	4	+49 58 20,69	18,083	−8,7076	+9,8397	,2573	,6348	181	+,011	−0,12
153	4	−39 14 14,96	18,058	+9,7853	−9,7554	,2567	,6374	188	,000	+0,29
154	4	+48 37 29,65	18,038	−8,6128	+9,8298	,2562	,6395	187	+,023	−0,21
155	4	+67 52 11,34	18,027	−9,3838	+9,9208	,2559	,6405	186	+,009	−0,01
156	4	+39 54 37,89	18,027	+8,7160	+9,7616	+1,2559	−9,6405	190	+,006	−0,19
157	4	−40 39 15,49	17,994	+9,7896	−9,7669	,2551	,6439	198	,000	−0,05
158	4	+72 20 36,05	17,966	−9,4639	+9,9316	,2545	,6467	194	+,011	−0,09
159	4	+50 52 31,48	17,960	−8,8513	+9,8422	,2543	,6472	199	+,023	−0,01
160	3	+36 18 52,23	17,955	+8,9365	+9,7249	,2542	,6477	200	+,004	−0,04
161	6	+36 27 55,44	17,922	+8,9191	+9,7256	+1,2534	−9,6510	203	+,015	+0,04
162	4	−39 24 40,87	17,919	+9,7917	−9,7539	,2533	,6513	206	+,033	+0,05
163	3	+36 26 21,73	17,914	+8,9159	+9,7253	,2532	,6518	204	+,022	−0,06
164	4	+48 23 38,98	17,843	−8,7160	+9,8234	,2515	,6585	211	+,006	+0,07
165	2	+26 59 55,66	17,835	+9,2528	+9,6068	,2513	,6593	213	+,009	+0,03
166	4	+70 6 2,32	17,821	−9,4518	+9,9223	+1,2509	−9,6605	210	−,012	−0,09
167	4	+76 28 58,00	17,808	−9,5378	+9,9365	,2506	,6617	208	+,083	+0,02
168	4	−23 20 4,46	17,814	+9,7627	−9,5460	,2508	,6612	218	+,017	+0,05
169	4	+71 37 5,88	17,784	−9,4786	+9,9254	,2500	,6639	215	+,015	+0,11
170	4	+75 18 53,85	17,765	−9,5289	+9,9332	,2496	,6656	217	−,002	−0,07
171	4	+64 6 0,09	17,738	−9,3617	+9,9011	+1,2489	−9,6680	219	+,005	−0,07
172	5	+63 35 18,42	17,730	−9,3522	+9,8990	,2487	,6687	221	+,009	+0,16
173	4	+73 47 6,69	17,716	−9,5159	+9,9288	,2484	,6699	220	,000	+0,05
174	4	+53 41 8,95	17,711	−9,0810	+9,8526	,2482	,6704	224	+,018	+0,02
175	4	−41 58 29,07	17,708	+9,8028	−9,7713	,2482	,6707	229	−,001	+0,03
176	4	−21 52 48,64	17,681	+9,7619	−9,5163	+1,2475	−9,6730	232	−,012	−0,05
177	4	−42 49 43,07	17,656	+9,8055	−9,7771	,2469	,6751	235	−,012	−0,07
178	4	+32 29 7,61	17,628	+9,0453	+9,6746	,2462	,6775	233	+,016	+0,06
179	6	+ 1 57 51,65	17,625	+9,6191	+8,4870	,2461	,6777	238	+,001	+0,01
180	4	−30 47 51,77	17,612	+9,7903	−9,6527	,2458	,6789	241	−,002	−0,07

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
181	37 Arietis 6.7	3	1 54 18,38	+3,369	+8,8106	+8,5477	+0,5274	+8,4392
182	154 Cassiopeæ 6.7	3	55 2,74	4,919	9,2493	,9904	,6918	+9,2245
183	304 Ceti 6.7	3	55 21,86	3,056	8,7662	,5082	,4851	—7,0495
184	39 Arietis 7	4	56 9,36	3,147	8,7685	,5141	,4979	+7,8523
185	ν^2 Mach. Elect. 5.6	4	57 5,59	2,689	8,8271	,5768	,4294	—8,5269
186	ϕ Arietis 6.7	3	57 29,05	3,373	+8,8064	+8,5578	+0,5280	+8,4392
187	252 Andromedæ 6	2	58 33,61	3,568	8,8609	,6170	,5524	+8,6412
188	47 Arietis 7	3	58 48,23	3,274	8,7825	,5396	,5151	+8,2546
189	30 Persei 7	3	59 6,24	3,953	8,9833	,7421	,5969	+8,8860
190	32 ——— 7	4	2 0 2,09	4,095	9,0235	,7867	,6122	+8,9465
191	255 Andromedæ 6.7	2	0 53,80	3,600	+8,8652	+8,6348	+0,5563	+8,6571
192	320 Ceti 7	2	1 4,93	3,109	8,7608	,5278	,4925	+7,5424
193	ω^1 Phœnicis 7	2	1 22,96	2,445	8,8931	,6615	,3883	—8,7240
194	155 Cassiopeæ 6 7	3	1 37,36	4,574	9,1460	,9159	,6603	+9,1060
195	26 Trianguli 7	3	1 47,67	3,472	8,8250	,5955	,5406	+8,5339
196	52 Arietis 7.8	1	1 47,67	3,462	+8,8223	+8,5928	+0,5393	+8,5235
197	33 Persei 6.7	2	2 33,44	3,951	,9718	,7457	,5967	+8,8701
198	H. Eridani 6.7	2	2 33,75	2,403	,9035	,6769	,3807	—8,7475
199	h Persei 6.7	3	2 40,16	3,891	,9529	,7274	,5901	+8,8392
200	ι Trianguli 6	2	2 48,97	3,456	,8185	,5935	,5386	+8,5115
201	b Andromedæ 5.6	1	2 54,51	3,717	+8,8971	+8,6724	+0,5702	+8,7346
202	ω^2 Phœnicis 7	2	3 2,37	2,460	,8842	,6599	,3909	—8,7066
203	B Arietis 6.7	3	3 18,74	3,365	,7948	,5715	,5270	+8,3937
204	H. Eridani 6	2	3 29,46	2,392	,9046	,6819	,3788	—8,7508
205	262 Andromedæ 7	2	4 12,46	3,835	,9310	,7118	,5838	+8,8023
206	334 Ceti 6.7	2	4 22,44	3,030	+8,7570	+8,5381	+0,4814	—7,4970
207	59 Arietis 7	2	4 42,27	3,305	,7798	,5628	,5192	+8,2891
208	337 Ceti 7	3	4 51,83	3,120	,7569	,5405	,4941	+7,6267
209	β Mach. Elect. 6	1	5 38,33	2,641	,8240	,6107	,4218	—8,5419
210	η Trianguli 6	3	6 11,98	3,516	,8286	,6179	,5460	+8,5600
211	62 Arietis 6.7	1	6 20,20	3,395	+8,7967	+8,5866	+0,5308	+8,4230
212	61 ——— 7	3	6 21,94	3,384	8,7941	,5843	,5294	+8,4082
213	38 Persei 6	2	6 23,21	4,154	9,0193	,8094	,6185	+8,9436
214	χ ——— 6	1	6 32,07	4,139	9,0146	,8056	,6169	+8,9370
215	δ Trianguli 5.6	3	7 0,70	3,534	8,8321	6245	,5483	+8,5738
216	γ Trianguli 5.6	3	7 31,78	3,529	+8,8294	+8,6243	+0,5476	+8,5665
217	41 Persei 7.8		7	4,141	9,0114	,8072	,6171	+8,9329
218	22 Eridani 6.7	2	7 51,30	2,433	8,8807	,6765	,3861	—8,7055
219	262 Andromedæ 8.9	2	8 39,21	3,865	8,9274	,7271	,5871	+8,7998
220	c ——— 6.7	3	8 40,23	3,822	8,9145	,7142	,5823	+8,7760
221	349 Ceti 7	1	8 43,12	3,082	+8,7513	+8,5510	+0,5888	+7,0411
222	α Trianguli 5.6	2	9 24,72	3,447	,8040	,6068	,5374	+8,4741
223	θ^2 Arietis 7	3	9 59,10	3,315	,7739	,5789	,5205	+8,2854
224	265 Andromedæ 6	1	10 5,08	3,908	,9363	,7418	,5919	+8,8167
225	355 Ceti 6.7	3	11 23,18	3,003	,7497	,5606	,4775	—7,6972

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	*b'*	*c'*	*d'*		*A. R.*	Decn.
		° ′ ″	″						*s.*	″
181	4	+25 8 9,07	+17,587	+9,2765	+9,5720	+1,2453	—9,6805	242	+,013	—0,22
182	4	+70 46 17,71	17,555	—9,4941	+9,9176	,2444	,6835	239	+,084	—0,24
183	4	— 1 8 4,29	17,547	+9,6464	—8,2255	,2442	,6842	247	+,022	—0,12
184	4	+ 6 56 30,44	17,513	+9,5705	+9,0252	,2434	,6869	249	+,012	+0,01
185	4	—30 5 31,36	17,473	+9,7924	—9,6402	,2424	,6901	251	+,001	—0,16
186	4	+24 54 47,89	17,459	+9,2705	+9,5649	+1,2420	—9,6912	252	+,007	—0,17
187	4	+37 4 23,33	17,410	+8,6767	+9,7191	,2408	,6950	254	+,043	+0,02
188	4	+17 14 26,23	17,401	+9,4265	+9,4107	,2406	,6957	257	—,008	0,00
189	4	+53 3 32,05	17,384	—9,1367	+9,8409	,2402	,6970	256	+,006	0,00
190	4	+56 51 44,95	17,340	—9,2601	+9,8602	,2391	,7003	259	+,023	+0,07
191	4	+38 15 25,96	17,305	+8,4518	+9,7281	+1,2382	—9,7029	263	—,003	—0,03
192	4	+ 3 26 53,15	17,302	+9,6053	+8,7176	,2381	,7031	266	+,021	—0,01
193	4	—42 40 3,41	17,288	+9,8208	—9,7667	,2377	,7042	270	—,008	—0,21
194	4	+65 44 43,13	17,273	—9,4533	+9,8953	,2374	,7053	264	+,001	—0,06
195	4	+30 44 41,86	17,267	+9,0569	+9,6141	,2372	,7057	268	+,011	—0,08
196	4	+30 9	17,267	+9,0792	+9,6364	+1,2372	—9,7057	269	—,138	
197	4	+52 16 47,17	17,231	—9,1430	+9,8326	,2363	,7082	2	+,007	+0,08
198	4	—44 17 52,10	17,237	+9,8235	—9,7785	,2365	,7078	7	—,018	—0,05
199	4	+50 17 38,63	17,225	—9,0645	+9,8204	,2362	,7087	3	+,038	—0,26
200	4	+29 31 32,36	17,220	+9,0969	+9,6271	,2360	,7091	5	—,003	—0,15
201	4	+43 27 11,04	17,217	—8,5682	+9,7715	+1,2359	—9,7093	4	+,011	—0,05
202	4	—41 38 52,03	17,213	+9,8222	—9,7563	,2359	,7095	10	+,007	—0,12
203	4	+23 23 21,61	17,201	+9,2878	+9,5325	,2356	,7104	8	+,010	—0,07
204	4	—44 35 51,78	17,195	+9,8254	—9,7796	,2354	,7108	14	—,009	—0,04
205	4	+48 0 25,25	17,259	—8,9731	+9,8037	,2345	,7133	13	+,003	—0,06
206	4	— 3 10 3,56	17,156	+9,6637	—8,6724	+1,2344	—9,7135	18	+,024	0,00
207	4	+18 50 17,56	17,135	+9,3856	+9,4412	,2339	,7150	20	+,003	+0,02
208	4	+ 4 14 16,76	17,129	+9,5966	+8,8016	,2337	,7154	23	—,011	—0,14
209	4	—31 30 2,21	17,096	+9,8075	—9,6488	,2329	,7177	28	+,001	—0,03
210	4	+32 35 16,59	17,068	+8,9191	+9,6616	,2323	,7195	30	+,006	—0,02
211	4	+25 0 43,53	17,062	+9,2330	+9,5563	+1,2320	—9,7199	32	+,020	—0,21
212	4	+24 16 28,37	17,059	+9,2528	+9,5441	,2319	,7201	33	—,002	—0,08
213	3	+57 7 46,77	17,059	—9,3139	+9,8542	,2319	,7201	27	+,023	+0,06
214	4	+56 44 49,50	17,050	—9,3045	+9,8521	,2317	,7208	29	+,006	+0,04
215	4	+33 27 54,63	17,034	+8,8531	+9,6710	,2313	,7218	34	—,031	—0,18
216	4	+33 4 48,06	17,007	+8,8751	+9,6657	+1,2306	—9,7236	37	+,013	+0,02
217		+56 35	16,998	—9,3075	+9,8499	,2304	,7242	36		
218	4	—41 56 15,52	16,998	+9,8306	—9,7532	,2304	,7242	42	—,008	+0,11
219		+48 12	16,954	—9,0334	+9,7997	,2293	,7270	41	—,005	
220	4	+46 36 52,63	16,955	—8,9542	+9,7888	,2293	,7270	43	+,011	+0,03
221	3	+ 1 5 32,62	16,955	+9,6274	+8,2171	+1,2293	—9,7270	46	—,011	—0,01
222	4	+27 52 36,55	16,920	+9,1173	+9,5966	,2284	,7292	51	+,007	—0,08
223	4	+18 55 44,13	16,895	+9,3729	+9,4373	,2278	,7308	54	+,006	—0,12
224	3	+49 23 21,18	16,890	—9,1072	+9,8072	,2276	,7312	53	+,010	—0,13
225	4	— 5 6 33,95	16,829	+9,6812	—8,9715	,2260	,7349	58	—,001	—0,14

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
226	ρ^1 Mach. Elect. 6	4	2 11 35,06	+2,703	+8,7969	+8,6083	+0,4318	—8,4497
227	267 Andromedæ 6.7	4	12 35,96	3,697	,8664	,6828	,5678	+8,6804
228	268 ——— 6	3	13 29,62	3,923	,9307	,7504	,5936	+8,8103
229	46 Persei 6.7	3	13 40,02	4,156	,9962	,8167	,6187	+8,9142
230	21 Cephei 7	2	14 29,97	7,711	,5455	9,3703	,8871	+9,5400
231	*p* Andromedæ 5.6	3	14 39,67	3,938	+8,9317	+9,7564	+0,5953	+8,8131
232	κ Fornacis 5.6	4	14 59,67	2,729	,7846	,6104	,4358	—8,4031
233	G^2 Eridani 7	4	15 43,21	2,349	,8852	,7137	,3709	—8,7265
234	272 Andromedæ 6.7	4	16 49,98	3,960	,9316	,7652	,5977	+8,8149
235	*d* Trianguli 7	3	17 41,88	3,524	,8072	,6443	,5470	+8,5201
236	Eridani 6.7	3	17 55,25	2,397	+8,8657	+8,7034	+0,3797	—8,6876
237	ξ^2 Arietis 7	4	18 37,53	3,195	8,7447	8,5856	,5045	+7,9615
238	46 Messoris 7	4	19 8,11	5,236	9,2162	9,0595	,7190	+9,1907
239	40 Trianguli 6	2	19 8,94	3,495	8,7971	8,6399	,5434	+8,4854
240	383 Arietis 7	3	19 29,34	3,084	8,7378	8,5817	,4891	+7,0707
241	A Mach. Elect. 6	3	21 2,75	2,537	+8,8198	+8,6699	+0,4043	—8,5733
242	42 Trianguli 5.6	2	22 2,98	3,621	,8231	,6777	,5588	+8,5863
243	51 Persei 7	3	22 3,13	4,049	,9409	,7956	,6073	+8,8351
244	F^1 Fornacis 7	3	22 23,49	2,731	,7711	,6265	,4363	—8,3701
245	*n* Messoris 5.6	3	22 31,42	5,486	9,2461	9,1031	,7393	+9,2246
246	G Fornacis 6	3	22 48,80	2,688	+8,7793	+8,6363	+0,4294	—8,4196
247	43 Trianguli 6.7	4	22 56,22	3,591	,8139	,6709	,5552	+8,5596
248	Ceti 6.7		23	2,846	,7495	,6084	,4542	—8,1859
249	σ Ceti 6	7	24 16,29	2,843	,7483	,6114	,4538	—8,1873
250	56 Persei 7	4	25 30,81	4 057	,9330	,8014	,6082	+8,8251
251	46 Trianguli 6	4	25 47,17	3,604	+8,8103	+8,6798	+0,5568	+8,5577
252	λ Fornacis 6.7	4	26 14,14	2,503	,8171	,6877	,3985	—8,5795
253	d^1 Ceti 6.7	2	27 4,07	3,009	,7284	,6029	,4784	—7,5966
254	60 Persei 7.8	4	28 55,47	4,109	,9363	,8182	,6137	+8,8337
255	ι^1 Fornacis 6	4	29 2,33	2,587	,7903	,6721	,4128	—8,4987
256	418 Ceti		29	3,167	+8,7275	+8,6101	+0,5006	+7,8134
257	420 ——— 7	3	30 1,96	3,107	,7236	,6093	,4923	+7,4046
258	λ^2 Fornacis 6	3	30 7,45	2,492	,8109	,6970	,3965	—8,5722
259	421 Ceti 7	3	30 11,33	3,211	,7294	,6159	,5066	+7,9669
260	ι^2 Fornacis 6.7	4	31 11,72	2,579	,7878	,6780	,4114	—8,4982
261	63 Persei 7	4	31 17,38	4,216	+8,9564	+8,8476	+0,6249	+8,8667
262	*q* Persei 5.6	3	31 51,62	3,747	,8329	,7263	,5737	+8,6366
263	70 ——— 7	4	33 22,20	3,859	,8582	,7575	,5865	+8,6970
264	t^1 Eridani 7½	4	35 32,36	2,386	,8247	,7321	,3777	—8,6242
265	48 ——— 7	3	36 55,72	2,328	,8363	,7488	,3670	—8,6550
266	θ Fornacis 6.7	4	37 25,32	2,513	+8,7893	+8,7039	+0,4002	—8,5278
267	η^1 Fornacis 7	4	40 52,13	2,436	,7997	,7274	,3867	—8,5710
268	τ Persei 7	4	41 22,23	3,661	,7892	,7191	,5636	+8,5414
269	υ Fornacis 6.7	2	42 2,88	2,388	,8084	,7409	,3780	—8,5984
270	γ^5 ——— 6	3	42 45,39	2,593	,7600	,6951	,4138	—8,4403

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						s.	″
226	4	—26 43 45,71	+16,823	+9,8000	—9,5767	+1,2259	—9,7353	59	—,008	+0,34
227	4	+40 38 37,39	16,766	—8,4472	+9,7365	,2245	,7388	61	+,005	—0,08
228	4	+49 15 9,74	16,727	—9,1271	+9,8010	,2231	,7411	64	+,014	—0,18
229	4	+55 51 21,25	16,717	—9,3284	+9,8392	,2232	,7417	65	—,017	—0,02
230	4	+80 54 17,22	16,665	—9,6812	+9,9144	,2218	,7447	60	—,003	+0,13
231	4	+49 31 33,84	16,669	—9,1492	+9,8013	+1,2219	—9,7445	71	+,019	—0,21
232	5	—24 31 11,74	16,654	+9,7959	—9,5381	,2215	,7453	73	+,029	—0,29
233	4	—43 57 23,00	16,622	+9,8451	—9,7600	,2207	,7472	77	+,002	—0,01
234	4	+49 49 32,51	16,561	—9,1790	+9,8004	,2191	,7507	79	+,010	—0,30
235	4	+31 3 22,77	16,518	+8,8976	+9,6288	,2180	,7531	84	—,017	—0,05
236	4	—41 35 42,19	16,512	+9,8451	—9,7376	+1,2178	—9,7535	90	+,016	+0,12
237	4	+ 9 27 42,35	16,472	+9,5237	+9,1316	,2167	,7557	91	—,019	—0,32
238	4	+70 33 31,18	16,422	—9,5966	+9,8885	,2159	,7573	86	+,314	—0,06
239	4	+29 11 5,71	16,449	+9,0000	+9,6024	,2161	,7570	93	—,001	—0,01
240	4	+ 1 13 5,60	16,435	+9,6253	+8,2467	,2158	,7577	95	—,001	+0,04
241	4	—31 33 16,06	16,358	+9,8351	—9,6652	+1,2137	—9,7618	99	+,003	—0,21
242	4	+35 24 36,15	16,300	+8,2148	+9,6735	,2122	,7648	102	—,015	—0,11
243	4	+51 34 29,91	16,300	—9,2718	+9,8044	,2122	,7648	100	+,019	+0,02
244	4	—23 25 13,66	16,290	+9,7986	—9,5089	,2119	,7654	101	+,017	0,00
245	4	+72 5 24,37	16,270	—9,6263	+9,8879	,2114	,7664	97	—,018	+0,07
246	4	—25 55 30,26	16,270	+9,8096	—9,5497	+1,2114	—9,7664	106	+,008	—0,04
247	4	+33 48 32,79	16,270	+8,5141	+9,6551	,2114	,7664	105	—,008	—1,11
248	4	—15 52 17,98	16,247	+9,7612	—9,3451	,2107	,7676	108		—0,10
249	4	—15 58 21,31	16,191	+9,7627	—9,3463	,2093	,7704	113	+,001	—0,21
250	4	+51 14 9,17	16,122	—9,3833	+9,7976	,2074	,7739	115	+,017	+0,09
251	4	+33 57 45,89	16,108	+8,4377	+9,6524	+1,2070	—9,7746	116	—,027	+0,13
252	4	—35 22 47,99	16,091	+9,8445	—9,6671	,2067	,7752	120	—,011	—0,23
253	4	— 4 15 59,05	16,043	+9,6785	—8,7715	,2053	,7778	124	—,003	—0,59
254	4	+52 5 16,38	15,954	—9,3263	+9,7978	,2026	,7825	132	+,007	0,00
255	4	—30 46 4,44	15,944	+9,8338	—9,6091	,2026	,7825	137	—,004	—0,16
256	4	+ 6 58 38,38	15,933	+9,5539	+8,9862	+1,2023	—9,7830	135		—0,03
257	4	+ 2 43 27,79	15,891	+9,6064	+8,5802	,2011	,7849	139	+,003	—0,06
258	4	—35 17 14,12	15,888	+9,8488	—9,6604	,2010	,7851	141	—,010	—0,41
259	4	+ 9 55 17,04	15,880	+9,5097	+9,1361	,2008	,7854	140	+,028	—0,21
260	4	—30 54 29,40	15,880	+9,8371	—9,6079	,1996	,7877	147	+,005	—0,13
261	4	+54 23 42,76	15,816	—9,3927	+9,8074	+1,1991	—9,7884	142	+,012	—0,18
262	4	+39 29 25,58	15,787	—8,7559	+9,7000	,1983	,7897	146	+,005	—0,27
263	4	+43 35 25,11	15,704	—9,0569	+9,7328	,1960	,7933	154	+,001	+0,10
264	4	—39 5 25,62	15,591	+9,8651	—9,6904	,1929	,7982	168	—,005	+0,08
265	4	—41 13 55,63	15,518	+9,8710	—9,7075	,1908	,8014	173	—,008	+0,05
266	4	—33 13 29,46	15,488	+9,8513	—9,6265	+1,1900	—9,8026	176	—,057	—0,07
267	4	—36 14 31,48	15,298	+9,8639	—9,6540	,1846	,8103	189	—,007	—0,08
268	4	+34 22 29,42	15,264	—7,9031	+9,6339	,1837	,8116	188	—,030	—0,16
269	4	—38 5 34,66	15,226	+9,8710	—9,6706	,1826	,8131	194	—,002	+0,16
270	4	—28 37 45,33	15,188	+9,8407	—9,5598	1815	,8146	200	+,003	+0,17

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
271	Persei 7	4	2 42 55,03	+4,128	+8,8995	+8,8359	+0,6157	+8,7871
272	p^2 ——— 6.7	4	43 19,21	3,744	,8040	,7417	,5733	+8,5905
273	123 Arietis 7	4	43 27,83	3,594	,7692	,7070	,5556	+8,4810
274	η^2 Fornacis 6	3	43 34,95	2,420	,7969	,7351	,3838	—8,5713
275	η^3 ——— 6.7	5	44 0,32	2,423	,7953	,7349	,3843	—8,5678
276	58 Eridani 6.7	3	44 24,75	2,315	+8,8203	+8,7615	+0,3645	—8,6336
277	25 Rangiferis 7	3	44 31,62	7,512	9,4110	9,3542	,8757	+9,4026
278	D Fornacis 7	3	44 57,26	2,528	8,7691	8,7123	,4028	—8,4870
279	92 Persei 6.7	3	45 19,25	4,145	8,8968	8,8420	,6175	+8,7850
280	ρ^1 Arietis 7.8	4	45 41,17	3,340	8,7182	8,6645	,5237	+8,1862
281	ρ^2 Arietis 6	2	46 33,02	3,351	+8,7181	+8,6678	+0,5252	+8,2007
282	K_1 Eridani 6.7	3	47 6,59	2,344	,8063	,7580	,3700	—8,6061
283	95 Persei 6	4	47 17,54	3,610	,7639	,7168	,5575	+8,4793
284	π ——— 6	3	48 14,14	3,794	,8038	,7600	,5792	+8,6028
285	s ——— 6.7	4	48 51,63	3,686	,7772	,7360	,5666	+8,5307
286	98 Persei 6	3	49 9,47	4,209	+8,9004	+8,8604	+0,6242	+8,7952
287	Fornacis 7	4	50 14,19	2,535	,7555	,7191	,4040	—8,4610
288	K^3 Eridani 6	3	51 6,66	2,337	,7978	,7647	,3687	—8,5951
289	139 Arietis 6.7	5	51 16,28	3,352	,7092	,6769	,5253	+8,1842
290	Z^2 Eridani 7	3	52 32,35	3,012	,6874	,6601	,4788	—7,4752
291	487 Ceti 6	4	53 44,53	3,128	+8,6855	+8,6625	+0,4953	+7,4972
292	o Messoris 5.6	3	54 13,65	6,241	9,2371	9,2172	,7952	+9,2195
293	492 Ceti 7	4	56 6,71	3,088	8,6803	8,6664	,4897	+7,0191
294	98 Eridani 7	3	58 0,37	2,147	8,8238	8,8167	,3318	—8,6696
295	h Rangiferis 7	3	59 39,63	7,213	9,3259	9,3266	,8581	+9,3149
296	150 Arietis 7.8	3	59 42,22	3,580	+8,7295	+8,7292	+0,5539	+8,4077
297	498 Ceti 7	4	59 49,09	3,198	,6774	,6776	,5049	+7,8127
298	153 Arietis 6.7	4	3 0 12,37	3,389	,6964	,6979	,5301	+8,2038
299	ω Persei 5 6	4	0 39,82	3,836	,7812	,7848	,5839	—8,8602
300	i Arietis 6.7	3	2 25,57	3,548	,7171	,7272	,5500	+8,3692
301	502 Ceti 6.7	4	3 41,64	3,169	+8,6682	+8,6831	+0,5009	+7,6911
302	126 Persei 7	3	4 1,42	3,932	8,7933	8,8098	,5946	+8,6182
303	A^2 Messoris 6.7	3	5 32,95	5,151	9,0367	9,0592	,7119	+8,9942
304	131 Persei 7	4	5 42,68	3,724	8,7436	8,7663	,5710	+8,4921
305	ψ^1 Fornacis 6.7	3	6 33,53	2,348	8,7253	8,7809	,3707	—8,5302
306	u Eridani 6.7	3	6 38,27	2,095	+8,8107	+8,8365	+0,3212	—8,6604
307	132 Persei 6.7	4	6 43,12	3,989	,7988	,8251	,6009	+8,6361
308	61 Fornacis 6 7	4	6 44,96	2,497	,7241	,7504	,3974	—8,4283
309	133 Persei 7	3	6 54,99	4,214	,8478	,8754	,6217	+8,7297
310	135 ——— 6.7	4	7 25,28	4,211	,8457	,8750	,6244	+8,7267
311	118 Eridani 7.8	3	7 30,93	2,907	+8,6641	+8,6934	+0,4634	—7,8756
312	H Fornacis 6	3	7 54,46	2,577	,7065	,7371	,4111	—8,3591
313	ψ^2 ——— 7	4	8 10,93	2,353	,7500	,7816	,3716	—8,5209
314	137 Persei 6	4	8 26,05	3,720	,7358	,7689	,5705	+8,4792
315	φ^3 Fornacis 7.8	3	10 4,88	2,344	,7468	,7855	,3700	—8,5189

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						s.	″
271	4	+50 29 8,77	+15 168	—9,3579	+9,7665	+1,1809	—9,8153	193	+,017	—0,09
272	4	+37 39 35,36	15,150	—8,7559	+9,6649	,1804	,8161	199	+,008	—0,09
273	4	+30 57 51,56	15,146	+8,5441	+9,5902	,1803	,8162	201	+,014	—0,03
274	4	—36 31 48,69	15,142	+9,8686	—9,6526	,1802	,8164	204	+,018	+0,10
275	4	—36 21 29,47	15,119	+9,8681	—9,6501	,1795	,8172	205	+,013	—0,13
276	4	—40 36 58,99	15,096	+9,8791	—9,6902	+1,1789	—9,8181	207	—,009	+0,08
277	4	+78 45 18,90	15,065	—9,7505	+9,8676	,1780	,8193	191	—,021	+0,11
278	3	—31 30 3,33	15,065	+9,8537	—9,5939	,1780	,8193	208	+,011	+0,10
279	4	+50 35 15,05	15,035	—9,3711	+9,7634	,1771	,8204	206	+,012	—0,10
280	4	+17 3 37,15	15,019	+9,3444	+9,3127	,1766	,8210	210	+,017	+0,03
281	4	+17 39 30,61	14,969	+9,3243	+9,3557	+1,1752	—9,8228	212	+,012	—0,08
282	4	—39 6 53,90	14,938	+9,8791	—9,6721	,1743	,8240	216	+,001	+0,14
283	4	+31 15 55,61	14,918	+8,3802	+9,5871	,1737	,8247	214	+,014	+0,06
284	4	+58 59 47,80	14,868	—8,9294	+9,6693	,1722	,8265	217	+,011	—0,13
285	4	+34 30 55,81	14,829	—8,3766	+9,6226	,1711	,8279	221	—,003	—0,05
286	4	+51 41 22,70	14,809	—9,4150	+9,7634	+1,1705	—9,8286	220	+,013	+0,08
287	4	—30 31 24,62	14,754	+9,8555	—9,5724	,1689	,8305	226	—,002	—0,12
288	4	—38 51 23,16	14,702	+9,8831	—9,6627	,1674	,8323	232	+,001	+0,12
289	4	+17 20 44,33	14,691	+9,3243	+9,3400	,1670	,8327	230	+,022	+0,05
290	4	— 3 32 12,78	14,611	+9,6767	—8,6504	,1647	,8354	240	—,002	+0,08
291	4	+ 3 41 50,41	14,543	+9,5899	+8,6724	+1,1626	—9,8377	245	+,002	—0,03
292	4	+73 45 23,74	14,495	—9,7340	+9,8416	,1612	,8393	237	—,019	—0,01
293	4	+ 1 12 56,48	14,398	+9,6222	+8,1951	,1583	,8424	251	+,010	+0,03
294	4	—14 32 47,66	14,288	+9,9031	—9,6988	,1550	,8459	258	—,002	—0,09
295	4	+77 7 0,26	14,161	—9,7730	+9,8381	,1511	,8499	255	—,021	+0,01
296	4	+28 26 32,44	14,177	+8,6134	+9,5278	+1,1516	—9,8494	260	+,014	+0,03
297	4	+ 7 49 47,52	14,169	+9,5237	+8,9847	,1513	,8496	262	+,006	—0,03
298	4	+18 44 45,03	14,148	+9,2624	+9,3562	,1507	,8502	264	+,006	+0,06
299	4	+38 58 44,14	14,115	—9,0414	+9,6467	,1497	,8512	265	+,003	—0,02
300	4	+26 37 48,21	14,007	+8,8261	+9,4964	,1463	,8545	3	+,014	+0,01
301	4	+ 6 2 8,36	13,928	+9,5514	+8,8647	+1,1439	—9,8568	6	+,004	+0,04
302	4	+41 52 54,43	13,902	—9,1987	+9,6659	,1431	,8575	5	+,013	+0,08
303	4	+65 2 20,30	13,801	—9,6758	+9,7954	,1399	,8604	7	—,017	—0,11
304	4	+34 4 18,89	13,797	—8,6721	+9,5863	,1398	,8606	12	+,014	—0,06
305	4	—36 33 55,33	13,750	+9,8932	—9,6112	,1383	,8619	17	—,006	+0,01
306	4	—45 2 33,42	13,746	+9,9149	—9,6858	+1,1382	—9,8620	19	—,036	—0,26
307	4	+43 24 45,80	13,738	—9,2672	+9,6732	,1379	,8622	14	+,014	+0,07
308	4	—30 25 29,36	13,736	+9,8704	—9,5401	,1379	,8622	18	—,002	—0,01
309	4	+49 36 35,12	13,716	—9,4377	+9,7172	,1372	,8628	15	+,014	—0,11
310	4	+49 29 3,87	13,687	—9,4362	+9,7154	,1363	,8637	16	+,022	—0,11
311	4	— 9 23 10,21	13,687	+9,7380	—9,0458	+1,1363	—9,8637	20	,000	—0,12
312	4	—26 42 56,84	13,665	+9,8543	—9,4862	,1356	,8642	24	—,011	+0,07
313	4	—36 10 30,21	13,648	+9,8932	—9,6040	,1351	,8647	25	+,008	+0,04
314	4	+33 36 46,29	13,622	—8,6532	+9,5757	,1343	,8654	23	+,012	—0,06
315	4	—36 18 6,65	13,529	+9,8954	—9,6014	,1313	,8680	35	—,003	—0,02

No.	Star's name and Mag.		No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
						a	*b*	*c*	*d*
				h. m. s.	s.				
316	139 Persei	6.7	3	3 10 12,45	+4,183	+8,8312	+8,8709	+0,6215	+8,7056
317	140 ———	6.7	1	10 24,98	3,981	8,7863	8,8268	,6000	+8,6181
318	63 Cus. Mess.	6	3	10 25,83	5,095	9,0099	9,0512	,7071	+8,9636
319	167 Arietis	7	4	10 38,72	3,531	8,6947	8,7362	,5479	+8,3220
320	169 ———	6	3	11 23,12	3,428	8,6769	8,7212	,5363	+8,2096
321	142 Persei	7.8	3	12 16,06	4,195	+8,8295	+8,8716	+0,6227	+8,7048
322	Camelopard	7 8	3	15 1,99	4,789	,9393	,9978	,6802	+8,8755
323	148 Persei	6.7	4	17 4,70	4,246	,8233	,8894	,6280	+8,7030
324	3 Camelopard	6 7	3	17 27,93	4,513	,8771	,9451	,6545	+8,7899
325	151 Persei	5.6	4	17 36,20	4,234	,8192	,8875	,6267	+8,6967
326	152 Persei	7	4	18 0,08	3,735	+8,7135	+8,7830	+0,5723	+8,4525
327	χ' Fornacis	6 7	3	19 33,51	2,312	,7273	,8025	,3640	—8,5015
328	13 Tauri	7.8	3	19 35,73	3,263	,6401	,7158	,5136	+7,9141
329	Persei	7	3	19 56,88	4,179	,8002	,8774	,6211	+8,6665
330	144 Eridani	7	3	20 17,89	2,139	,7612	,8392	,3302	—8,5884
331	15 Tauri	7	3	20 24,11	3,366	+8,6481	+8,7268	+0,5271	+8,0941
332	16 ———	6.7	6	20 27,78	3,116	,6308	,7098	,4936	+7,9039
333	Persei		3	20 30,93	4,187	,8003	,8796	,6219	+8,6678
334	155 ———	5.6	3	21 2,08	4,115	,7834	,8647	,6144	+8,6365
335	χ^2 Fornacis	7	3	21 9,92	2,314	,7223	,8036	,3644	—8,4939
336	χ^3 Fornacis	7	3	21 49,66	2,308	+8,7217	+8,8056	+0,3632	—8,4950
337	149 Eridani	7	3	22 2,87	2,056	,7720	,8583	,3130	—8,6170
338	23 Tauri	8	4	23 39,94	3,367	,6404	,7315	,5272	+8,0825
339	26 ———	6.7	3	24 44,98	3,393	,6106	,7361	,5306	+8,1143
340	Persei	7	3	24 45,35	3,706	,6894	,7850	,5689	+8,4073
341	Persei	7	4	27 17,50	3,690	+8,6793	+8,7850	+0,5670	+8,3861
342	71 Cus. Mess.	6	4	27 54,06	5,110	,9509	9,0595	,7084	+8,8997
343	17 Psalt. Georg.	7	3	28 19,61	3,069	,6118	8,7213	,4870	+5,6776
344	30 Tauri	7	3	28 32,85	3,349	,6262	8,7365	,5249	+8,0368
345	4 Camelopard	6	3	29 10,42	4,862	,9036	9,0168	,6868	+8,8588
346	167 Eridani	7	3	30 13,25	2,034	+8,7524	+8,8688	+0,3083	—8,5962
347	164 Persei	7	3	30 25,41	3,870	8,7045	8,8224	,5877	+8,4844
348	73 Cus. Mess.	6.7	3	30 29,34	5,527	9,0088	9,1275	,7433	+8,9721
349	36 Tauri	6.7	3	30 56,02	3,560	8,6474	8,7671	,5514	+8,2801
350	y Eridani	5	3	31 10,50	2,149	8,7260	8,8462	,3322	—8,5412
351	F Cus. Mess.	6.7	3	31 40,53	5,148	+8,9437	+9,0668	+0,7116	+8,8929
352	o Persei	6	3	31 56,03	3,773	8,6815	8,8052	,5767	+8,4228
353	m Cuss. Mess.	6	2	33 3,07	6,153	9,0832	9,2121	,7891	+9,0584
354	184 Eridani	7	4	33 51,64	2,139	8,7196	8,8504	,3302	—8,5354
355	l Cuss. Mess.	5.6	3	34 29,39	5,380	8,9702	9,1147	,7308	+8,9276
356	Tauri	7	3	34 52,85	3,469	+8,6234	+8,7589	+0,5402	+8,1660
357	190 Eridani	7	2	35 18,90	2,121	,7186	,8552	,3265	—8,5380
358	Fornacis	6	3	35 41,51	2,381	,6674	,8053	,3768	—8,3971
359	n Pleiadum	7	3	36 5,17	3,519	,6271	,7672	,5464	+8,2127
360	k ———	6.7	3	36 5,76	3,551	,6317	,7713	,5503	+8,2419

No.	No. Obs	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s.*	″
316	4	+48 28 16,71	+13,511	—9,4249	+9,7031	+1,1307	—9,8684	28	+,024	—0,11
317	4	+42 43 37,05	13,498	—9,2648	+9,6600	,1303	,8688	30	—,004	+0,03
318	4	+63 59 10,26	13,485	—9,6767	+9,7815	,1298	,8691	27		—0,14
319	4	+25 3 42,43	13,481	+8,9031	+9,4550	,1297	,8692	34	—,017	—0,22
320	4	+19 54 25,32	13,433	+9,1903	+9,3589	,1282	,8705	38	+,012	—0,14
321	4	+48 36	13,418	—9,4314	+9,7010	+1,1277	—9,8708	37		
322	4	+59 41 25,56	13,190	—9,6345	+9,7545	,1202	,8768	48	—,007	+1,99
323	4	+49 16 3,92	13,058	—9,4654	+9,6935	,1159	,8801	56	+,021	—0,10
324	4	+54 52 20,26	13,026	—9,5705	+9,7257	,1148	,8808	57	+,002	—0,15
325	4	+48 55 48,65	13,022	—9,4594	+9,6901	,1147	,8809	59	+,011	—0,09
326	4	+33 13 45,84	12,999	—8,7324	+9,5510	+1,1139	—9,8815	62	+,010	—0,07
327	4	—36 30 9,42	12,902	+9,9053	—9,5829	,1106	,8838	69	+,011	+0,09
328	4	+10 48 51,47	12,893	+9,4502	+9,0824	,1103	,8840	67	,000	—0,09
329	4	+47 17 29,07	12,866	—9,4314	+9,6738	.1094	,8847	66	+,007	0,00
330	4	—42 13 8,85	12,852	+9,9222	—9,6342	,1090	,8850	73	+,006	+0,16
331	4	+16 11 20,91	12,839	+9,3053	+9,2526	+1,1085	—9,8853	70		+0,02
332	4	+ 2 40 20,57	12,837	+9,5988	+8,4795	,1085	,8854	72		—0,02
333	4	+47 27	12,830	—9,4362	+9,6738	,1082	,8855	68		+0,02
334	4	+45 29 24,33	12,794	—9,3892	+9,6584	,1070	,8864	71	—,002	—0,04
335	1	—36 15 30,50	12,794	+9,9058	—9,5767	,1070	,8864	76	+,011	+0,07
336	7	—36 25 41,79	12,749	+9,9069	—9,5769	+1,1055	—9,8874	79	+,002	+0,04
337	4	—44 25 59,68	12,709	+9,9299	—9,6470	,1041	,8883	81		+0,04
338	4	+16 2 19,35	12,623	+9,3053	+9,2413	,1011	,8903	82	+,016	—0,05
339	4	+17 17 11,83	12,546	+9,2601	+9,2702	,0985	,8920	87	+,010	—0,26
340	4	+31 27 35,07	12,541	—8,5682	+9,5142	,0983	,8919	85	+,013	+0,02
341	4	+30 34 1,50	12,368	—8,4472	+9,4971	+1,0923	—9,8959	96	,000	—0,07
342	4	+62 40 23,46	12,317	—9,7007	+9,7372	,0905	,8970	94	—,003	+0,17
343	4	+ 0 2 34,04	12,298	+9,6375	+6,8537	,0898	,8974	98	+,002	—0,29
344	4	+14 52 54,14	12,285	+9,3344	+9,1980	,0894	,8977	99	+,008	—0,19
345	4	+59 25 41,85	12,234	—9,6646	+9,7208	,0876	,8988	97	—,004	—0,11
346	4	—44 16 0,49	12,190	+9,9370	—9,6273	+1,0856	—9,8999	108	—,006	—0,05
347	4	+37 2 29,47	12,151	—9,1238	+9,5626	,0846	,9005	104	+,027	+0,08
348	4	+66 40 28,71	12,137	—9,7482	+9,7454	,0841	,9008	102	+,033	+0,04
349	4	+24 47 19,37	12,118	+8,7781	+9,4041	,0834	,9012	107	+,011	—0,13
350	4	—40 49 12,73	12,109	+9,9284	—9,5963	,0831	,9014	113	—,005	—0,05
351	4	+62 48 51,81	12,058	—9,7101	+9,7285	+1,0813	—9,9024	105	—,005	—0,07
352	4	+33 25 45,62	12,048	—8,8921	+9,5203	,0809	,9026	112	+,003	+0,03
353	4	+70 48 46,27	11,955	—9,7896	+9,7508	,0775	,9045	111	—,035	—0,03
354	4	—40 53 25,85	11,922	+9,9315	—9,5903	,0764	,9052	126	+,001	0,00
355	4	+65 0 18,04	11,857	—9,7388	+9,7293	,0740	,9065	121	—,002	—0,05
356	4	+20 24 2,16	11,833	+9,0755	+9,3139	+1,0733	—9,9069	128	,000	—0,12
357	4	—41 18 3,10	11,819	+9,9340	—9,5900	,0726	,9072	140	+,001	0,00
358	4	—32 28 7,98	11,796	+9,9031	—9,4994	,0717	,9077	142		—0,01
359	4	+22 37 32,81	11,757	+8,9445	+9,3539	,0703	,9084	139	+,019	—0,10
360	8	+24 1 59,22	11,757	+8,8195	+9,3785	,0703	,9084	137	+,022	—0,01

No.	Star's name and Mag.	No. Obs	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
361	*h* Psalt. Georg. 6.7	3	3 36 7,86	+3,037	+8,5924	+8,7325	+0,4824	—7,0561
362	*l* Pleiadum 6.7	2	36 13,89	3,550	,6313	,7719	,5502	+8,2412
363	27 Psalt. Georg. 6.7		36	3,053	,5911	,7330	,4847	—6,7360
364	74 Tauri 7	2	37 10,51	3,551	,6288	,7731	,5503	+8,2384
365	12 Pleiadum 7		37	3,513	,6264	,7723	,5494	+8,2291
366	105 Tauri 7	2	38 41,22	3,550	+8,6241	+8,7746	+0,5502	+8,2309
367	*n* Persei 6	3	39 8,03	3,766	,6586	,8109	,5759	+8,3900
368	*s* Pleiadum 7	6	39 9,39	3,540	,6210	,7739	,5490	+8,2196
369	118 Tauri 7	4	39	3,541	,6210	,7739	,5491	+8,2196
370	———		39	3,244	,5886	,7426	,5111	+7,7902
371	m^1 Eridani 6	3	39 45,03	2,587	+8,6208	+8,7756	+0,4128	—8,2253
372	131 Tauri 7	3	40 7,58	3,552	,6202	,7766	,5505	+8,2273
373	132 ——— 7	1	40 10,65	3,541	,6185	,7749	,5491	+8,2167
374	Fornacis 7		40	2,436	,6426	,8006	,3867	—8,3409
375	138 Tauri 7.8		40	3,556	,6195	,7777	,5510	+8,2291
376	140 Tauri 7	3	41 4,28	3,545	+8,6164	+8,7766	+0,5496	+8,2168
377	ρ Fornacis 6	3	41 16,07	2,417	8,6438	8,8046	,3833	—8,3512
378	206 Eridani 7		41	2,251	8,6730	8,8350	,3524	—8,4484
379	*n* Rangiferis 6	2	42 38,97	9,491	9,3462	9,5121	,9773	+9,3399
380	H Camelopard 5.6		42	5,200	8,9106	9,0786	,7160	+8,8589
381	7 ——— 5 6	3	43 7,05	5,034	+8,8822	+9,0513	+0,7019	+8,8225
382	148 Tauri 7	4	43 44,56	3,403	,5905	8,7615	,5319	+9,0527
383	185 Persei 6	4	44 6,81	4,273	,7395	,9124	,6307	+8,6063
384	210 Eridani 7	4	44 20,82	2,960	,5720	,7452	,4713	—7,5575
385	A Persei *var.*	3	44 22,37	4,401	,7633	,9373	,6435	+8,6489
386	213 Eridani 7.8	4	44 48,22	2,153	+8,6813	+8,8562	+0,3330	—8,4846
387	188 Persei 6.7	4	45 51,82	3,837	,6498	,8298	,5840	+8,4040
388	157 Tauri 6.7	4	48 15,46	3,177	,5608	,7501	,5020	+7,5476
389	227 Eridani 6.7	4	48 36,70	2,097	,6788	,8696	,3216	—8,4943
390	226 ——— 6.7	4	48 46,74	2,786	,5705	,7619	,4450	—7,9562
391	l^a ——— 6.7	4	49 20,19	2,149	+8,6666	+8,8602	+0,3322	—8,4677
392	L^2 Eridani 7	2	50 35,39	2,139	,6641	8,8630	,3302	—8,4670
393	9 Camelop. 6	3	50 45,00	4,926	,8349	9,0355	,6925	+8,7665
394	161 Tauri 7	3	51 9,55	3,542	,5851	8,7868	,5492	+8,1725
395	G ——— 6.7	3	51 12,01	3,410	,5687	8,7707	,5327	+8,0305
396	167 ——— 7	3	52 46,49	3,259	+8,5511	+8,7596	+0,5131	+7,7710
397	A Fornacis 6.7	4	54 5,76	3,385	,6080	,8215	,3775	—8,3190
398	*k* Psalt. Georg. 6.7	3	54 9,70	3,054	,5408	,7552	,4849	—6,6278
399	194 Persei 7	4	54 11,61	4,269	,7026	,9173	,6303	+8,5630
400	λ ——— 5.6	4	54 19,08	4,424	,7311	,9466	,6458	+8,6148
401	168 Tauri 6.7	3	54 29,98	3,568	+8,5779	+8,7937	+0,5524	+8,1815
402	172 ——— 6	4	55 0,36	3,168	,5399	,7577	,5008	+7,4787
403	171 ——— 7	3	55 4,41	3,224	,5418	,7602	,5084	+7,6717
404	175 ——— 6.7	4	55 32,69	3,116	,5368	,7571	,4936	+7,1557
405	199 Persei 6.7	4	57 22,24	3,944	,6298	,8582	,5959	+8,4123

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s.*	″
361	4	— 1 41 19,38	+11,757	+9,6599	—8,2320	+1,0703	—9,9084	143	,000	0,00
362		+24 1	11,748	+8,8195	+9,3779	,0700	,9086	141	+,009	
363	4	— 0 49 17,41	11,724	+9,6484	—7,9121	,0691	,9091	145		0,00
364	1	+24 0 8,02	11,682	+8,8195	+9,3751	,0675	,9099	147	+ 0,27	—0,04
365	1	+23 35 59,11	11,653	+8,8512	+9,3672	,0664	,9104	150		—0,05
366	4	+23 50	11,573	+8,8261	+9,3682	+1,0634	—9,9119	153	+,003	
367	4	+32 34 43,87	11,539	—8,8751	+9,4916	,0622	,9126	155	+,005	—0,01
368	4	+23 20 49,87	11,529	+8,8662	+9,3584	,0618	,9127	156	+,009	+0,02
368	1	+23 22 36,58	11,529	+8,8663	+9,3584	,0618	,9127	161		—0,03
370	4	+ 9 7 54,15	11,515	+9,4742	+8,9608	,0613	,9131	162		—0,08
371	3	—23 44 26,21	11,497	+9,8609	—9,3630	+1,0606	—9,9134	168	—,009	—0,42
372		+23 50	11,468	+8,8195	+9,3645	,0595	,9139	164	+,007	
373	3	+23 20 30,99	11,468	+8,8633	+9,3566	,0595	,9139	165	+,007	+0,07
374	4	—29 58 51,55	11,439	+9,8954	—9,4547	,0584	,9145	174		—0,16
375	4	+23 59 18,68	11,434	+8,7924	+9,3658	,0582	,9145	171		—0,06
376	4	+23 27 25,11	11,401	+8,8513	+9,3554	+1,0569	—9,9151	172	+,001	+0,04
377	4	—30 40 10,10	11,391	+9,8987	—9,4620	,0566	,9153	176	—,005	—0,28
378	1	—36 37 4,75	11,367	+9,9237	—9,5291	,0556	,9157	180		—0,11
379	4	+80 13	11,300	—9,8698	+9,7448	,0531	,9169	160	—,015	—0,05
380	4	+62 34 46,54	11,261	—9,7283	+9,6979	,0516	,9176	177		+0,12
381	4	+60 36 57,23	11,242	—9,7058	+9,6891	+1,0508	—9,9180	178	—,007	+0,05
382	4	+16 49 49,18	11,208	+9,2430	+9,2098	,0495	,9186	187	+,026	+0,02
383	4	+47 22 46,37	11,174	—9,5011	+9,6131	,0482	,9192	186	+,003	+0,02
384	4	— 5 33 17,58	11,169	+9,7093	—8,7315	,0480	,9192	190	+,003	—0,07
385	4	+50 12 29,97	11,155	—9,5575	+9,6311	,0475	,9195	188	+,011	—,020
386	4	—39 29 7,81	11,140	+9,9360	—9,5483	+1,0469	—9,9198	193	+,009	+0,07
387	4	+34 35 26,30	11,048	—9,0682	+9,4955	,0435	,9212	194	—,006	—0,03
388	4	+ 5 33 28,22	10,882	+9,5453	+8,7215	,0367	,9242	203	+,010	—0,13
389	4	—40 50 45,45	10,858	+9,9430	—9,5492	,0357	,9246	206	—,001	+0,12
390	4	—14 4 55,23	10,848	+9,7959	—9,1191	,0353	,9247	205	+,004	0,00
391	4	—39 14 41,78	10,808	+9,9390	—9,5328	+1,0338	—9,9254	209	—,004	—0,01
392	4	—39 26 40,65	10,715	+9,9405	—9,5309	,0300	,9269	216	+,020	—0,10
393	4	+58 41 15,87	10,685	—9,6964	+9,6584	,0288	,9274	208	—,001	+0,01
394	4	+22 43 49,87	10,666	+8,8633	+9,3134	,0280	,9277	213	+,060	—0,01
395	4	+16 49 31,91	10,661	+9,2304	+9,1876	,0278	,9278	214	+,011	+0,08
396	4	+ 9 31 42,47	10,547	+9,4579	+8,9410	+1,0231	—9,9296	220	+,011	—0,09
397	4	—30 57 35,91	10,458	+9,9090	—9,4285	,0194	,9310	229	+,004	—0,05
393	4	— 0 43 22,19	10,443	+9,6474	—7,8038	,0188	,9312	226	+,010	—0,05
399	4	+46 28 10,67	10,438	—9,5051	+9,5771	,0186	,9313	223	+,006	+0,04
400	4	+49 53 39,36	10,423	—9,5740	+9,5997	,0180	,9315	224	+,002	—0,10
401	4	+23 38 44,85	10,418	+8,7404	+9,3194	+1,0178	—9,9316	227	—,002	0,00
402	4	+ 4 58 22,25	10,383	+9,5539	+8,6532	,0163	,9321	235	+,017	—0,22
403	4	+ 7 44 4,75	10,373	+9,4983	+8,8435	,0159	,9323	234	—,114	—0,03
404	4	+ 2 22 23,36	10,338	+9,6000	+8,3314	,0144	,9328	238	+,018	—0,09
405	4	+37 17 13,41	10,198	—9,2480	+9,4890	,0085	,9349	247	+,005	—0,29

No.	Star's name and Mag.	No. Obs.	Right Ascension. Jan. 1, 1831.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
406	200 Persei 6	4	3 57 38,02	+ 3,955	+8,6310	+8,8603	+0,5971	+8,4166
407	183 Tauri 6.7	4	3 59 41,68	3,265	,5293	,7676	,5139	+7,7552
408	201 Persei 6.7	3	4 0 24,62	3,826	,5979	,8394	,5827	+8,3360
409	Tauri 7	4	0 37,94	3,196	,5226	,7650	,5046	+7,5630
410	Psalt. Georg. 7	3	1 34,96	2,987	,5180	,7644	,4752	−7,3616
411	190 Tauri 7	3	1 39,20	3,406	+8,5341	+8,7811	+0,5322	+7,9806
412	260 Eridani 6.7	3	2 19,94	2,918	,5180	8,7677	,4651	−7,6240
413	14 Camelop. 6.7	3	2 23,63	5,210	,8340	9,0852	,7168	+8,7777
414	*f* Persei 5	3	3 40,68	4,052	,6258	8,8820	,6077	+8,4346
415	16 Camelop. 6.7	3	3 52,52	4,631	,7311	8,9886	,6657	+8,6346
416	195 Tauri 7	3	4 33,04	3,270	+8,5131	+8,7729	+0,5145	+7,7441
417	196 ——— *var*	3	4 34,51	3,243	,5115	8,7713	,5109	+7,6804
418	17 Camelop. 6	3	5 13,04	5,556	,8737	9,1375	,7448	+8,8301
419	*s* Horologii 6	3	5 17,27	1,997	,6363	8,8989	,3004	−8,4652
420	201 Tauri 6.7	3	5 35,72	3,267	,5092	8,7738	,5141	+7,7320
421	205 Tauri 7	2	6 42,36	3,188	+8,5015	+8,7710	+0,5035	+7,5061
422	62 Horologii 7	3	7 17,03	1,899	,6464	8,9180	,2785	−8,4941
423	18 Camelop. 6.7	2	7 29,50	5,140	,8016	9,0754	,7110	+8,7407
424	212 Persei 6.7	4	8 51,58	4,112	,6163	8,8961	,6140	+8,4370
425	*d* ——— 6	3	9 38,46	4,300	,6475	8,9310	,6335	+8,5052
426	214 Persei 6	4	9 42,72	3,873	+8,5707	+8,8542	+0,5880	+8,3203
427	211 Tauri 7	4	10 28,68	3,411	,5031	,7900	,5329	+7,9469
428	219 ——— 7	4	11 48,06	3,517	,5096	,8027	,5462	+8,0573
429	220 ——— 7	3	11 52,20	3,520	,5097	,8032	,5465	+8,0601
430	221 ——— 6.7	3	11 53,88	3,118	,4826	,7761	,5035	+7,4835
431	216 Persei 7	4	12 7,84	4,146	+8,6037	+8,9047	+0,6176	+8,4296
432	*o*[1] Eridani 6.7	—	12	2,501	,5214	,8190	,3981	−8,1541
433	Z ——— 6.7	1	13 1,41	3,058	,4762	,7750	,4854	−6,3871
434	219 Persei 6.7	2	13 47,61	3,867	,5530	,8559	,5874	+8,2975
435	227 Tauri 7.8	3	13 49,71	3,518	,5017	,8046	,5463	+8,0484
436	220 Persei 7	1	13 55,69	3,858	+8,5510	+8,8545	+0,5864	+8,2921
437	*ψ* Horologii 6	3	14 3,76	1,888	,6206	8,9238	,2760	−8,4674
438	27 Camelop. 7.8	3	16 33,16	5,943	,8748	9,1918	,7740	+8,8397
439	306 Eridani 6.7	3	17 4,54	2,196	,5524	8,8703	,3416	- 8,3207
440	247 Tauri 6.7	4	18 13,58	3,538	,4867	8,8104	,5488	+8,0462
441	312 Eridani 6.7	3	18 52,09	2,218	+8,5412	+8,8676	+0,3460	−8,3010
442	30 Camelop. 7	3	18 59,60	4,706	,6784	9,0068	,6726	+8,5839
443	69 Horologii 7	3	20 8,42	1,876	,5955	8,9285	,2732	− 8,4414
444	260 Tauri 7	3	20 37,82	3,498	,4717	8,8077	,5438	+7,9952
445	265 ——— 6.7	1	20	3,388	,4587	8,7970	,5289	+7,8645
446	223 Persei 7.8	3	20 59,76	3,963	+8,5389	+8,8766	+0,5988	+8,3123
447	269 Tauri 7	—	21	3,412	,4600	,7993	,5330	+7,8950
448	*m* ——— 6.7	3	21 48,92	4,190	,5751	,9167	,6222	+8,4065
449	*m* Persei 6.7	1	21 49,51	4,191	,5747	,9170	,6223	+8,4061
450	274 Tauri 6.7	3	23 18,09	3,176	,4369	,7859	,5019	+7,3829

No.	No. Obs	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s.*	″
406	4	+37 36 1,54	+10,183	—9,2601	+9,4915	+1,0079	—9,9352	248	+,017	—0,22
407	4	+ 9 39 19,35	10,027	+9,4502	+8,9250	1,0012	,9375	253	+,011	—0,17
408	4	+33 8 51,38	9,971	—9,0492	+9,4348	0,9987	,9383	255	+,009	—0,09
409	4	+ 6 17 12,41	9,956	+9,5263	+8,7364	0,9981	,9385	258	+,008	+0,04
410	4	— 4 0 45,58	9,885	+9,6937	—8,5366	0,9950	,9395	262	+,006	+0,03
411	4	+16 12 38,99	9,875	+9,2405	+9,1390	+0,9945	—9,9395	261	+,009	+0,11
412	4	— 7 21 37,27	9,829	+9,7332	—8,7965	,9925	,9403	3	+,007	—0,02
413	4	+61 25 33,62	9,804	—9,7474	+9,6331	,9914	,9406	260	—,016	+0,11
414	4	+40 3 24,44	9,717	—9,3636	+9,4944	,9875	,9418	8	+,003	—0,18
415	4	+53 11 18,59	9,697	—9,6444	+9,5881	,9866	,9421	7	—,007	—0,05
416	4	+ 9 47 4,76	9,656	+9,4456	+8,9138	+0,9848	—9,9427	12	+,013	—0,20
417	4	+ 8 27 51,29	9,656	+9,4771	+8,8517	,9848	,9427	13	+,009	—0,04
418	4	+64 43 33,63	9,589	—9,7846	+9,6362	,9818	,9435	10	—,016	—0,05
419	4	—42 25 39,25	9,610	+9,9605	—9,5096	,9827	,9433	20	+,028	+0,06
420	4	+ 9 35 14,51	9,574	+9,4487	+8,9020	,9811	,9438	19	+,022	—0,17
421	4	+ 5 46 18,10	9,492	+9,5353	+8,6799	+0,9774	—9,9448	25	+,002	—0,16
422	4	—44 47 38,65	9,456	+9,9680	—9,5214	,9757	,9453	30	+,013	—0,18
423	4	+60 19 57,47	9,420	—9,7419	+9,6111	,9740	,9458	22	+,031	—0,05
424	4	+41 24 8,20	9,317	—9,4166	+9,4880	,9693	,9471	31	—,000	+0,10
425	4	+46 5 48,25	9,255	—9,5289	+9,5222	,9664	,9479	33	+,000	+0,05
426	4	+34 9 37,66	9,255	—9,1430	+9,4140	+0,9664	—9,9479	35	+,009	—0,08
427	4	+16 7 8,00	9,198	+9,2279	9,1056	,9637	,9486	40	+,006	—0,02
428	4	+20 38 28,07	9,094	+8,9638	9,2045	,9588	,9499	47	+,022	—0,07
429	4	+20 47 17,64	9,089	+8,9542	9,2069	,9585	,9500	48	+,015	+0,05
430	4	+ 5 43 52,89	9,089	+9,5353	8,6574	,9585	,9500	49	+,006	—0,06
431	4	+42 2 4,26	8,964	—9,4415	+9,4765	+0,9525	—9,9515	46	+,003	+0,10
432	4	—25 25 39,26	9,022	+9,8893	—9,2860	,9553	,9508	56		—0,05
433	4	— 0 29 29,53	9,001	+9,6445	—7,5632	,9543	,9511	55	+,007	—0,30
434	4	+33 44 27,00	8,933	—9,1335	+9,3936	,9510	,9519	58	+,011	—0,13
435	4	+20 35 24,70	8,933	—8,9590	+919 57	,9510	,9519	61	+,012	—0,06
436	4	+33 27 17,67	8,922	—9,1173	+9,3896	+0,9505	—9,9520	60	+,030	——
437	4	—44 40 2,39	8,928	+9,9722	—9,4956	,9507	,9520	42	+,019	—0,15
438	4	+67 15 42,50	8,702	—9,8215	+9,6026	,9396	,9546	67	—,011	+0,02
439	4	—35 56 1,19	8,687	+9,9450	—9,4052	,9389	,9548	81	+,003	+0,00
440	4	+21 14 45,26	8,592	+8,8808	+9,1917	,9341	,9559	83	+,011	+0,31
441	4	—35 8 7,86	8,550	+9,9420	—9,3898	+0,9320	—9,9564	92	+,003	—0,24
442	4	+53 32 33,48	8,518	—9,6721	+9,5338	,9303	,9567	84	+,009	0,00
443	4	—44 32 34,88	8,444	+9,9754	—9,4705	,9266	,9576	98	+,007	+0,02
444	4	+19 28 26,14	8,397	+9,0253	+9,1456	,9241	,9581	95	+,016	—0,01
445	4	+14 44 30,87	8,360	+9,2810	+9,0261	,9222	,9585	99		—0,20
446	4	+36 22 54,58	8,370	—9,2787	+9,3941	+0,9227	—9,9584	96	+,010	+0,25
447	4	+15 47 15,21	8,344	+9,2279	9,0544	,9214	,9587	102		+0,01
448	4	+42 40	8,307	—9,4742	9,4488	,9194	,9591	101	+,090	
449	4	+42 42 12,36	8,296	—9,4757	9,4484	,9189	,9592	104	+,011	—0,05
450	4	+ 5 2 53,26	8,190	+9,5453	8,5573	,9133	,9603	109	+,017	+0,15

No.	Star's name and No.	No. Obs.	Right Ascension Jan. 1, 1835.	Anuual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
451	324 Eridani	5.7	2	4 23 55,41	+2,341	+8,4989	+8,8506	+0,3694	—8,2080
452	275 Tauri	7	4	24 12,08	3,418	,4483	,8021	,5338	+7,8882
453	277 ———	7	3	24 31,54	3,348	,4412	,7904	,5218	+7,7900
454	N Eridani	6	3	24 39,77	2,180	,5221	,8773	,3385	—8,2914
455	*e* Persei	5.6	3	25 16,54	4,130	,5481	,9078	,6159	+8,3645
456	*κ* Cel. Sculp.	6.7	3	25 21,73	1,983	+8,5524	+8,9117	+0,2973	—8,3740
457	*δ* ———	6	3	25 47,22	1,830	8,5780	8,9390	,2624	—8,4297
458	282 Tauri	6.7	3	26 2,79	3,504	8,4492	8,8123	,5446	+7,9757
459	35 Camelop.	6.7	3	26 45,95	7,870	9,0246	9,3932	,8960	+9,0108
460	*a* ———	6.7	3	26 55,19	4,708	8,6413	9,0096	,6728	+8,5446
461	38 Camelop.	5.6	3	26 56,14	4,684	+8,6372	+9,0055	+0,6706	+8,5383
462	*i* Eridani	6	4	27 2,32	2,356	,4822	8,8502	,3722	—8,1825
463	335 ———	7		27	2,393	,4746	,8449	,3789	—8,1571
464	232 Persei	6.7	3	28 48,96	1,119	,5294	,9076	,6148	+8,3417
465	Scep. Brand.	7	3	28 54,15	2,877	,4158	,7940	,4589	—7,6005
466	293 Tauri	6.7	4	30 10,92	3,232	+8,4087	+8,7936	+0,5095	+7,5273
467	40 Camelop.	7.8		30	6,506	,8726	9,2608	,8133	+8,8462
468	347 Eridani	7	4	30 40,15	2,334	,4725	8,8553	,3681	—8,1812
469	*u* Aurigæ	6.7	4	31 0,65	3,734	,4562	,8458	,5722	+8,1320
470	236 Persei	6	3	31 12,92	4,224	,5359	,9269	,6257	+8,3701
471	348 Eridani	6.7	4	31 24,47	3,038	+8,3995	+8,7909	+0,4826	—6,7770
472	7 Cel. Sculp.	7	2	31 57,02	1,944	,5275	,9214	,2887	—8,2546
473	6 Aurigæ	6.7	4	33 8,96	3,861	,4651	,8663	,5867	+8,1959
474	296 Tauri	7.8	4	33 14,20	3,482	,4129	8,8151	,5118	+7,9125
475	44 Camelop.	6	3	34 17,16	4,916	,6425	9,0508	,6942	+8,5634
476	Camelop	7	4	34 45,64	5,549	+8,7301	+9,1414	+0,7442	+8,6813
477	7 Aurigæ	7	4	35 30,50	3,741	,4348	8,8495	,5730	+8,1116
478	357 Eridani	6.7	4	35 40,45	2,868	,3841	8,7995	,4576	—7,5832
479	358 ———	6	2	36 10,15	2,875	,3814	8,7995	,4586	—7,5660
480	R Camelop.	6	4	36 40,91	5,546	,7190	9,1413	,7440	+8,6698
481	361 Eridani	6.7	3	36 46,79	2,315	+8,4408	+8,8620	+0,3645	—8,1535
482	*λ* Cel. Sculp.	6.7	4	38 18,98	1,966	,4907	,9203	,2936	—8,3107
483	3 Orionis	7	3	38 30,24	3,189	,3665	,7980	,5036	+7,3481
484	11 Aurigæ	6.7	4	38 39,27	3,861	,4330	,8696	,5867	+8,1609
485	9 ———	6.7	4	38 46,16	4,484	,5409	,9747	,6517	+8,4151
486	*f* Aurigæ	6	4	38 48,88	4,020	+8,4612	+8,8951	+0,6042	+8,2127
487	305 Tauri	7 8	4	39 2,98	3,486	,3843	,8193	,5423	+7,8817
488	*ι* Cel. Sculp.	7	3	39 43,59	2,212	,4422	,8795	,3448	—8,1930
489	*ζ* ———	6 7	3	40 21,18	2,027	,4690	,9106	,3068	—8,2737
490	Aurigæ	7	4	41 18,03	3,995	,4440	,8920	,6015	+8,2170
491	374 Eridani	6.7	3	41 23,54	2,332	+8,4137	+8,8617	+0,3677	—8,1166
492	47 Camelop		4	41 29,47	7,466	,9071	+9,3584	,8731	+8,8900
493	50 ———	6	4	41 35,25	4,866	,5890	+9,0394	,6872	+8,5023
494	*g* Aurigæ	5.6	5	41 35,90	3,998	,4422	+8,8927	,6018	+8,2159
495	Orionis	6.7	3	42 40,10	3,284	,3486	+8,8051	+0,5164	+7,5752

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						s.	″
451	4	−30 48 27,26	+ 8,147	+9,9248	−9,3181	+0,9110	−9,9608	115	+,022	−0,11
452	4	+15 58 9,57	8,115	+9,2175	+9,0472	,9093	,9611	113	+,004	+0,02
453	4	+12 53 52,22	8,094	+9,3404	+8,9550	,9081	,9613	116	+,036	−0,08
454	4	−36 0 55,62	8,094	+9,9489	−9,3754	,9081	,9613	118	−,007	−0,04
455	4	+40 55 5,33	8,024	−9,4346	+9,4188	,9044	,9621	117	+,006	+0,04
456	4	−41 31 54,52	8,030	+9,9699	−9,4243	+0,9047	−9,9620	124	,000	−0,03
457	4	−45 18 46,17	8,003	+9,9809	−9,4530	,9032	,9623	129	+,011	0,00
458	4	+19 32 1,87	7,971	+9,0086	+9,1241	,9015	,9626	120	+,011	−0,15
459	4	+75 37 27,97	7,885	−9,8938	+9,5811	,8968	,9635	112	+,022	−0,13
460	4	+53 8 17,69	7,891	−9,6776	+9,4984	,8971	,9634	122	+,010	−0,14
461	4	+52 44 27,05	7,891	−9,6712	+9,4961	+0,8971	−9,9634	123	−,003	−0,02
462	4	−30 6 20,49	7,896	+9,9922	−9,2957	,8974	,9634	130	−,016	−0,37
463	4	−28 47 44,94	7,858	+9,9154	−9,2759	,8953	,9638	132		−0,01
464	4	+40 27 16,36	7,740	−9,4297	+9,3990	,8887	,9649	134	+,006	−0,12
465	4	− 8 48 1,75	7,740	+9,7559	−8,7714	,8887	,9649	139	−,002	+0,02
466	4	+ 7 32 13,05	7,638	+9,4900	+8,6996	+0,8830	−9,9659	146	+,030	−0,05
467	4	+70 12 39,70	7,589	−9,8597	+9,5518	,8802	,9664	136		+0,02
468	4	−30 46 6,32	7,605	+9,9269	−9,2915	,8811	,9663	153	+,003	−0,13
469	4	+28 17 16,90	7,568	−8,7559	+9,2529	,8790	,9666	148	+,008	−0,03
470	4	+43 2 33,00	7,546	−9,4983	+9,4099	,8777	,9668	147	+,005	+0,02
471	4	− 1 22 57,84	7,541	+9,6590	−7,9529	+0,8774	−9,9669	155	+,001	−0,07
472	4	−42 12 33,49	7,503	+9,9754	−9,4004	,8752	,9672	160	−,002	+0,05
473	4	+32 32 51,33	7,395	−9,1271	+9,2978	,8689	,9682	161	+,008	+0,02
474	4	+18 24 11,44	7,384	+9,0719	+9,0657	,8683	,9683	163	+,017	−0,04
475	4	+56 27 16,93	7,291	−9,7292	+9,4818	,8628	,9692	164	−,011	+0,02
476	4	+63 19 20,61	7,248	−9,8048	+9,5094	+0,8602	−9,9696	165	+,007	−0,09
477	4	+28 21 1,99	7,199	−8,7853	+9,2321	,8573	,9700	168	+,001	−0,06
478	4	− 9 6 30,76	7,188	+9,7612	−8,7537	,8566	,9701	172	+,014	−0,02
479	4	− 8 49 0,25	7,150	+9,7574	−8,7370	,8543	,9704	178	+,005	−0,07
480	4	+63 12 42,83	7,090	−9,8055	+9,4995	,8507	,9710	170	−,013	−0,10
481	4	−31 4 36,83	7,106	+9,9320	−9,2624	+0,8517	−9,9708	182	+,003	−0,03
482	4	−41 22 32,60	6,986	+9,9754	−9,3623	,8443	,9719	192	+,001	−0,01
483	5	+ 5 29 2,24	6,959	+9,5340	+9,5222	,8426	,9721	189	+,017	−0,21
484	4	+32 17 26,52	6,943	−9,1287	+9,2674	,8415	,9722	185	+,006	+0,02
485	4	+48 26 49,68	6,926	−9,6170	+9,4128	,8405	,9724	184	+,006	0,00
486	4	+37 11 21,44	6,926	−9,3444	+9,3200	+0,8405	−9,9724	187	−,003	+0,08
487	4	+18 25 41,22	6,910	+9,0607	+9,0378	,8395	,9725	190	+,023	−0,32
488	4	−34 18 35,32	6,877	+9,9484	−9,2862	,8374	,9728	196	+,033	−0,08
489	4	−39 39 32,03	6,817	+9,9703	−9,3364	,8336	,9733	202	,000	−0,19
490	4	+36 21 21,34	6,729	−9,3202	+9,2990	,8279	,9740	200	+,016	+0,12
491	4	−30 19 21,81	6,729	+9,9294	−9,2289	+0,8279	−9,9740	210	+,008	−0,08
492	4	+73 59 52,30	6,685	−9,8954	+9,5060	,8251	,9744	191	−,024	−0,01
493	4	+54 58 30,38	6,696	−9,7184	+9,4371	,8258	,9743	199	+,000	−0,12
494	4	+36 25 0,53	6,696	−9,3243	+9,2975	,8258	,9743	203	−,003	0,00
495	4	+ 9 41 15,00	6,614	+9,4297	+8,7450	,8204	,9750	214	+,003	−0,12

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
496	53 Camelop. 7	4	4 43 14,18	+4,910	+8,5860	+9,0470	+0,6911	+8,5023
497	17 Cel. Sculp. 6.7	3	43 29,35	1,838	,4836	8,9442	,2643	—8,3274
498	51 Camelop. 6 7	3	43 44,69	7,340	,8818	9,3469	,8657	+8,8636
499	52 ——— 7 8	3	43 56,88	7,429	,8892	9,3552	,8709	+8,8717
500	311 Tauri 7	3	44 31,42	3,449	,3510	8,8190	,5377	+7,8111
501	Eridani. 7	3	44 39,39	2,945	+8,3338	+8,8022	+0,4691	—7,3180
502	ν Cel. Sculp. 6.7	3	44 54,59	1,945	,4567	,9264	,2889	—8,2787
503	313 Tauri 7	4	45 26,50	3,434	,3444	,8181	,5358	+7,7882
504	η^1 Cel. Sculp. 6	2	45 29,64	2,176	,4152	,8881	,3377	—8,1755
505	314 Tauri 7	2	45 50,53	3,440	,3430	,8189	,5366	+7,7929
506	19 Orionis 6.7	3	45 52,84	3,235	+8,3284	+8,8047	+0,5099	+7,4450
507	20 ——— 6	4	46 22,18	3,073	,3216	8,8013	,4876	5,8993
508	57 Camelop. 6.7	4	46 38,97	4,747	,5394	9,0212	,6764	8,4412
509	Orionis 6.7	4	47 14,27	3,239	,3209	8,8057	,5104	7,4451
510	26 Aurigæ 6.7	4	48 58,73	4,104	,4164	8,9132	,6132	8,2165
511	27 Aurigæ 7	4	49 1,62	4,114	+8,4180	+8,9149	+0,6143	+8,2206
512	π Cel. Sculp. 6	4	49 23,46	2,004	,4199	8,9181	,3019	—8,2269
513	Orionis 6.7	4	51 12,60	3,390	,3065	8,8175	,5302	+7,6912
514	Y Camelop. 6	3	51 26,48	8,298	,9084	9,4290	,9190	+8,8958
515	Eridani 7		51	2,829	,2985	8,8118	,4516	—7,5626
516	Camelop. 6	3	51 38,27	7,444	+8,8404	+9,3569	+0,8718	+8,8226
517	d^2 ——— 6.7	5	51 49,50	5,173	,5734	9,0894	,7137	8,5053
518	61 ——— 6.7	1	51 52,40	5,177	,5736	9,0901	,7141	8,5057
519	33 Orionis 6.7	5	53 21,07	3,079	,2798	8,8054	,4884	6,2059
520	——— 7	3	53 27,70	3,099	,2791	8,8056	,4912	6,6566
521	35 Aurigæ 6	3	53 46,23	4,672	+8,4816	+9,0104	+0,6695	+8,3744
522	Orionis 7	4	53 49,79	3,336	,2861	8,8150	,5232	7,5974
523	e Aurigæ 6.7		54	5,505	,6066	9,1378	,7408	8,5535
524	41 ——— 6.7	4	55 3,32	4,263	,4033	8,9420	,6297	8,2367
525	K Camelop. 5.6	4	55 30,44	9,689	,9821	9,5270	,9863	8,9741
526	332 Tauri 7	4	55 41,12	3,700	+8,3157	+8,8535	+0,5682	+7,9606
527	333 ——— 6.7	4	55 49,02	3,525	,2897	8,8327	,5472	+7,8150
528	ϵ Cel. Sculp. 6	4	56 4,87	1,992	,3779	8,9223	,2993	—8,1855
529	f Camelop. 6.7	4	58 11,45	5,542	,5816	9,1435	,7437	+8,5294
530	b Aurigæ 6	4	58 26,43	4,439	,4096	8,9726	,6473	+8,2721
531	η^2 Cel. Sculp. 6 7	4	58 32,84	2,134	+8,3379	+8,8998	+0,3292	—8,1064
532	45 Orionis 6.7	4	58 36,20	3,279	,2507	,8140	,5157	+7,4582
533	μ Cel. Sculp. 6.7	4	58 38,17	1,908	,3741	,9370	,2806	—8,1995
534	Orionis 6.7	4	5 0 51,88	3,226	,2320	,8126	,5087	+7,3159
535	Leporis 7	3	0 51,93	2,589	,2572	,8373	,4131	—7,7982
536	54 Orionis 7	5	0 52,99	3,374	+8,2407	+8,8213	+0,5281	+7,6036
537	342 Tauri 7	4	1 0,25	3,548	,2558	8,8375	,5500	+7,7971
538	Orionis 7	4	1 3,93	3,290	,2337	8,8158	,5172	+7,4625
539	51 Aurigæ 6 7	4	1 30,83	4,786	,4442	9,0305	,6800	+8,3466
540	Orionis 7	3	2 22,96	2,891	,2221	8,8142	,4610	—7,3548

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						*s.*	″
496	4	+55 32 54,38	+ 6,553	—9,7275	+9,4308	+0,8164	—9,9754	212	,000	—0,14
497	4	—44 16 20,67	6,559	+9,9868	—9,3586	,8168	,9754	221	—,004	—0,03
498	4	+73 30 12,67	6,498	—9,8943	+9,4926	,8128	,9759	204	—,001	+0,01
499	1	+73 48 29,25	6,487	—9,8965	+9,4925	,8120	,9760	207	—,025	+0,03
500	4	+16 44 54,54	6,459	+9,1553	+8,9683	,8102	,9762	222	+,011	+0,01
501	4	— 5 34 4,01	6,454	+9,7185	—8,4920	+0,8098	—9,9762	224	+,001	—0,06
502	4	—41 36 32,65	6,437	+9,9795	—9,3287	,8087	,9764	230	—,019	+0,09
503	4	+16 6 43,00	6,382	+9,1875	+8,9468	,8049	,9768	228	+,006	+0,02
504	4	—35 11 18,14	6,393	+9,9547	—9,2641	,8057	,9767	237	+,047	—0,17
505	4	+16 20 57,85	6,364	+9,1732	+8,9519	,8031	,9770	231	+,014	+0,18
506	4	+ 7 30 22,17	6,349	+9,4857	+8,6174	+0,8027	—9,9770	235	—,002	+0,11
507	4	+ 0 11 32,60	6,304	+9,6335	+7,0753	,7997	,9774	239	—,006	—0,06
508	4	+52 53 30,23	6,277	—9,6955	+9,3976	,7977	,9776	233	,000	—0,00
509	4	+ 7 38 14,56	6,238	+9,4814	+8,6173	,7951	,9779	241	+,001	—0,01
510	4	+39 8 8,83	6,083	—9,4216	+9,2822	,7841	,9790	251	+,014	—0,04
511	4	+39 23 44,97	6,083	— 9,4314	+9,2847	+0,7841	—9,9790	252	+,004	+0,04
512	4	—39 53 58,38	6,066	+9,9750	—9,2879	,7829	,9791	260	,000	—0,19
513	4	+14 7 38,85	5,905	+9,2742	+8,8569	,7712	,9803	266	,011	+0,02
514	4	+76 14 50,71	5,788	—9,9175	+9,4479	,7625	,9811	253	—,044	+0,11
515		—10 35	5,877	+9,7803	—8,7312	,7691	,9805	270		
516	4	+73 43 5,12	5,838	—9,9009	+9,4465	+0,7663	—9,9808	254	—,016	—0,02
517	4	+58 46 54,66	5,843	—9,7730	+9,3965	,7667	,9807	263	—,001	+0,14
518	4	+58 46 50,56	5,838	—9,7730	+9,3963	,7663	,9808	264	+,005	+0,02
519	4	+ 0 28 31,17	5,726	+9,6294	+7,3820	,7579	,9815	276	+,003	—0,11
520	4	+ 1 21 46,18	5,715	+9,6138	+7,8325	,7570	,9816	278	+,013	+0,08
521	4	+51 22 9,00	5,687	—9,6785	+9,3457	+0,7549	—9,9818	273	,000	—0,15
522	4	+11 48 49,88	5,687	+9,3598	+8,7642	,7549	,9818	281	+,005	+0,08
523		+62 16	5,659	—9,8109	+9,3977	,7527	,9820	275		
524	4	+42 56 26,05	5,570	—9,5276	+9,2772	,7458	,9826	284	+,002	+0,05
525	4	+79 1 14,80	5,497	—9,9350	+9,4301	,7401	,9830	269	—,054	+0,13
526	4	+26 11 48,00	5,581	—8,5441	+9,0897	+0,7467	—9,9825	287	—,001	+0,05
527	4	+19 34 18,94	5,519	+8,9395	+8,9652	,7419	,9829	288	+,010	—0,08
528	4	—39 57 47,65	5,502	+9,9777	—9,2462	,7405	,9830	291	+,061	—0,15
529	4	+62 28 33,97	5,300	—9,8156	+9,3702	,7243	,9843	292	—,024	+0,09
530	4	+46 44 56,98	5,289	—9,6085	+9,2839	,7231	,9843	294	+,012	—0,12
531	4	—35 56 22,27	5,300	+9,9628	—9,1908	+0,7243	—9,9843	309	—,003	—0,04
532	4	+ 9 15 47,34	5,283	+9,4346	+8,6286	,7229	,9844	300	+,007	—0,42
533	4	—41 59 6,76	5,289	+9,9859	—9,2468	,7234	,9843	310	+,013	+0,15
534	4	+ 6 57 51,96	5,092	+9,4969	+8,4887	,7069	,9855	320	+,008	+0,04
535	4	—20 20 23,91	5,097	+9,8710	—8,9463	,7074	,9855	322	+,001	—0,15
536	4	+13 20 2,06	5,092	+9,2988	+8,7678	+0,7069	—9,9855	318	—,007	—0,06
537	4	+20 21 18,19	5,081	+8,8451	+8,9452	,7059	,9856	319	+,015	—0,02
538	4	+ 9 44 43,68	5,075	+9,4216	+8,6322	,7054	,9856	321	+,011	—0,11
539	3	+53 0 27,59	5,030	—9,7093	+9,3020	,7015	,9859	315	+,010	+0,05
540	5	— 7 47 54,53	4,968	+9,7490	—8,5268	,6962	,9862	3	+,006	—0,09

No.	Star's name and Mag.	No. Obs.	Right Ascension. Jan. 1, 1831.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
541	68 Camelop. 7	3	5 3 1,67	+9,241	+8,8899	+9,4980	+0,9654	+8,8805
542	Leporis 7	3	3 41,14	2,791	,2183	8,8204	,4458	−7,5379
543	54 Aurigæ 7	3	4 14,65	4,422	,3639	,9710	,6456	+8,2214
544	*a* ——— 5.6	3	4 40,01	3,894	,2738	,8852	,5904	+8,0038
545	*ρ* Orionis 5.6	4	4 40,23	3,128	,2009	,8117	,4953	+6,8659
546	*τ* Columbæ 7	3	4 43,26	1,791	+8,3486	+8,9583	+0,2531	−8,1946
547	70 Camelop. 6.7	4	5 14,58	5,141	,4697	9,0866	,7110	+8,3978
548	63 Aurigæ 5 6	2	7 21,16	3,920	,2567	8,8899	,5933	+7,9951
549	64 ——— 6.7	6	7 27,78	3,932	,2575	8,8918	,5946	+8,0003
550	66 ——— 6 7	2	8 8,72	3,932	,2514	8,8921	,5946	+7,9940
551	I Columbæ 6	4	8 38,86	2,116	+8,2622	+8,9058	+0,3255	−8,0330
552	70 Aurigæ 6	3	9 8,71	3,940	,2441	8,8936	,5955	+7,9892
553	72 Camelop. 6	4	9 20,90	5,105	,4291	9,0816	,7080	+8,3545
554	2 Columbæ 7	1	9 51,85	2,151	,2164	8,9007	,3326	−8,0061
555	*ρ* Aurigæ 6	4	10 8,19	4,228	,2817	8,9401	,6261	+8,1041
556	*κ* Columbæ 6	4	10 20,90	2,197	+8,2346	+8,8937	+0,3418	−7,9790
557	354 Tauri 6.7	4	10 38,11	3,756	,2044	,8671	,5747	+7,8729
558	353 ——— 6 7	4	11 12,03	3,535	,1726	,8401	,5484	+7,6993
559	Orionis 5.6	4	13 6,91	3,056	,1297	,8149	,4850	−6,1249
560	——— *var*	3	13 25,16	3,146	,1274	,8157	,4978	+6,9005
561	*σ* Aurigæ 6	4	13 26,79	4,063	+8,2244	+8,9140	+0,6088	+8,0062
562	o^2 Columbæ 6.7	4	14 24,80	2,155	,2045	8,9012	,3334	−7,9616
563	*g* Camelop. 6	6	14 36,17	5,631	,4552	9,1572	,7506	+8,4048
564	o^3 Columbæ 6 7	3	15 18,51	2,167	,1943	8,8996	,3359	−7,9474
565	Aurigæ 6	4	15 53,52	3,960	,1858	8,8985	,5977	+7,9360
566	Camelop. 7	2	16 12,72	5,627	+8,4387	+9,1568	+0,7503	+8,3880
567	96 Orionis 6 7	4	17 18,38	3,076	,0893	8,8164	,4880	+5,8954
568	Columbæ 6 7	4	17 57,91	2,062	,1835	8,9170	,3141	−7,9676
569	——— 6 7	5	17 58,12	1,973	,1984	8,9312	,2951	−8,0048
570	362 Tauri 6	4	18 17,07	3,438	,0956	8,8333	,5363	+7,5289
571	76 Camelop. 6.7	4	18 26,31	5,100	+8,3106	+9,0819	+, 7076	+8,2647
572	Orionis 6.7	4	18 41,38	3,011	,0753	8,8173	,4787	−6,7121
573	95 Aurigæ 6.7	4	19 11,99	3,798	,1269	,8755	,5795	+7,8132
574	Orionis 6.7	4	19 27,17	3,016	,0668	,8175	,4794	−6,6639
575	σ^2 Columbæ 6.7	4	20 0,89	1,782	,2085	,9629	,2509	−8,0530
576	366 Tauri 7	4	20 26,86	3,558	+8,0845	+8,8457	+0,5512	+7,6272
577	367 ——— 6 7	4	20 46,02	3,609	,0865	8,8514	,5574	+7,6663
578	77 Camelop. 6 7	4	21 17,90	5,775	,4035	9,1768	,7615	+8,3573
579	N Orionis 5.6	3	21 21,58	3,040	,0469	8,8179	,4829	−6,3679
580	Columbæ 6.7	4	21 47,98	1,919	,1651	8,9408	,2831	−7,9827
581	102 Aurigæ *var*	4	22 30,80	3,897	+8,1048	+8,8906	+0,5907	+7,8312
582	368 Tauri 6	4	22 32,58	3,508	,0554	8,8412	,5451	+7,5565
583	18 Columbæ 6.7	4	22 34,67	2,061	,1329	8,9179	,3141	−7,9160
584	*n* Orionis 6.7	4	22 35,25	3,141	,0330	8,8188	,4971	+6,7753
585	79 Camelop. 7.8	3	23 30,49	5,052	,2756	9,0751	,7035	+8,1960

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P.M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s.*	″
541	4	+78 7 43,06	+ 4,798	—9,9350	+9,3697	+0,6811	—9,9872	31	—,013	+0,08
542	4	—12 3 35,68	4,860	+9,7973	—8,7043	,6867	,9868	7	+,007	—0,02
543	4	+46 13 9,21	4,798	—9,6031	+9,2376	,6811	,9872	5	+,009	—0,02
544	4	+32 29 19,68	4,764	—9,1931	+9,1060	,6780	,9874	9	—,008	+0,03
545	4	+ 2 39 29,35	4,770	+9,5899	+8,0415	,6785	,9873	10	+,010	—0,08
546	4	—44 33 2,13	4,781	+9,9956	—9,2236	+0,6795	—9,9873	14	—,001	+0,13
547	4	+57 55 41,87	4,707	—9,7738	+9,2989	,6728	,9877	8	—,005	—0,02
548	4	+33 11 28,57	4,543	—9,2304	+9,0938	,6573	,9886	21	+,002	—0,20
549	6	+33 34 51,90	4,532	—9,2480	+9,0971	,6562	,9886	23	+,010	+,006
550	2	+33 33 49,98	4,469	—9,2480	+9,0909	,6502	,9889	26	,000	—0,22
551	4	—36 10 13,71	4,441	+9,9661	—9,1162	+0,6474	—9,9891	36	+,006	—0,24
552	4	+33 46 37,40	4,384	—9,2601	+9,0850	,6418	,9894	32	,000	—0,09
553	4	+57 22 23,74	4,355	—9,7694	+9,2624	,6390	,9895	28	,000	—0,17
554	4	—35 7 1,86	4,338	+9,9619	—9,0950	,6373	,9896	44	+,006	—0,14
555	4	+41 37 53,11	4,298	—9,5119	+9,1537	,6333	,9898	39	+,019	—0,01
556	4	—33 43 19,69	4,293	+9,9557	—9,0751	+0,6327	—9,9898	47	,007	+0,01
557	4	+27 46 55,57	4,258	—8,8513	+8,9958	,6293	,9900	41	,003	—0,08
558	4	+19 38 21,15	4,213	+8,9085	+8,8493	,6246	,9902	48	,003	—0,06
559	2	— 0 35 13,79	4,053	+9,6474	—7,3010	,6078	,9909	58	,011	—0,10
560	2	+ 3 24 12,23	4,025	+9,5740	+8,0759	,6047	,9911	61	—,062	+0,06
561	4	+37 13 22,12	4,013	—9,3944	+9,0833	+0,6035	—9,9911	56	+,007	+0,03
562	4	—34 52 11,61	3,950	+9,9619	—9,0518	,5966	,9914	69	+,020	—0,16
563	4	+62 55 1,58	3,905	—9,8209	+9,2391	,5916	,9916	57	,000	—0,04
564	4	—34 30 43,08	3,876	+9,9609	—9,0395	,5884	,9917	74	+,003	—0,07
565	3	+34 14 15,59	3,813	—9,2855	+9,0295	,5813	,9920	71	,000	+0,03
566	4	+62 50 31,72	3,767	—9,8299	+9,2233	+0,5760	—9,9922	68	—,009	—0,03
567	4	+ 0 21 56,61	3,693	+9,6314	+7,0715	,5673	,9925	87	,000	—0,09
568	4	—37 29 35,25	3,641	+9,9740	—9,0434	,5612	,9927	94	+,016	—0,02
569	4	—39 50 12,67	3,647	+9,9832	—9,0663	,5619	,9925	95	+,008	—0,02
570	5	+15 43 38,80	3,607	+9,1790	+8,6884	,5571	,9929	90	+,011	—0,11
571	4	+57 5 37,94	3,578	—9,7708	+9,1757	+0,5536	—9,9930	85	+,017	—0,13
572	4	— 2 30 30,33	3,572	+9,6785	—7,8877	,5529	,9930	97	,000	+0,03
573	3	+29 2 48,35	3,521	—8,9956	+8,9309	,5466	,9932	99	+,004	—0,08
574	4	— 2 17 25,95	3,503	+9,6749	—7,8397	,5445	,9933	101	,000	+0,01
575	4	—44 22 31,10	3,475	+9,9991	—9,0831	,5409	,9934	108	+,012	+0,05
576	4	+20 24 47,44	3,423	+8,7993	+8,7751	+ 0,5344	—9,9936	106	+,002	—0,07
577	4	+22 19 38,75	3,394	+8,4314	+8,8085	,5308	,9937	107	+,008	+0,09
578	4	+64 2 5,70	3,331	—9,8432	+9,1744	,5226	,9939	103	—,002	—0,04
579	4	— 1 13 42,64	3,318	+9,6571	—7,5439	,5248	,9939	112	+,021	—0,05
580	5	—41 5 24,49	3,314	+9,9894	—9,0361	,5203	,9940	112	+,008	+0,05
581	4	+32 9 45,02	3,239	—9,2014	+8,9349	+0,5104	—9,9943	118	+,009	—0,03
582	4	+18 27 52,55	3,239	+8,9956	+8,7095	,5104	,9943	119	+,009	0,00
583	4	—37 22 18,83	3,245	+9,9750	—8,9923	,5112	,9942	124	+,012	+0,12
584	4	+ 3 9 36,37	3,239	+9,5786	+7,9507	,5104	,9943	123	+,007	+0,06
585	8	+56 22 14,16	3,141	—9,7649	+9,1155	,4971	,9946	120	+,002	0,00

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
586	Orionis	7	4	5 24 47,73	+2,960	+8,0076	+8,8203	+0,4713	−6,9195
587	82 Camelop.	7	4	25 9,67	5,045	8,2547	9,0742	,7029	+8,1746
588	81 ———	7	4	25 11,55	5,535	8,3238	9,1450	,7431	+8,2691
589	Orionis	7	4	26 9,16	3,289	7,9945	8,8252	,5171	+7,2121
590	———		5	26 15,52	2,955	7,9892	8,8208	,4706	−6,9223
591	20 Columbæ	7	3	27 13,61	2,134	+8,0643	+8,9074	+0,3292	−7,8256
592	π ———	6.7	4	27 19,05	2,162	8,0590	,9031	,3349	−7,8112
593	c^2 Orionis		5	27 31,35	2,953	7,9727	,8212	,4703	−6,9086
594	27 Columbæ	6.7		27	1,697	8,1383	,9779	,2297	−7,9955
595	155 Orionis		3	28 10,00	2,935	7,9642	,8219	,4676	−6,9650
596	154 Orionis	6.7	4	28 17,60	3,274	+7,9645	+8,8250	+0,5151	+7,1516
597	84 Camelop.	6.7	4	28 58,22	5,495	8,2679	9,1397	,7400	+8,2113
598	85 ———	6.7	3	29 2,47	5,067	8,2061	9,0779	,7047	+8,1271
599	R Tauri	6.7	3	29 13,77	3,636	7,9839	8,8567	,5606	+7,5796
600	159 Orionis	7	4	29 28,80	2,951	7,9160	8,8218	,4700	−6,8892
601	86 Camelop.	6.7	3	30 20,38	4,946	8,1680	+9,0594	+0,6942	+8,0802
602	ω Orionis	7	4	30 28,82	3,161	7,9310	8,8214	,4998	+6,7782
603	ν^2 Columbæ	6.7	4	30 45,61	2,365	7,9808	,8742	,3738	−7,6517
604	Tauri	6.7	4	32 5,79	3,619	7,9382	,8553	,5586	+7,5222
005	Orionis	7	4	32 6,12	2,987	7,9065	,8215	,4752	−6,6942
606	*h* Camelop.	6.7	4	32 36,18	5,039	+8,1471	+9,0739	+0,7023	+8,0659
607	89 ———	7	4	32 50,45	5,100	8,1519	9,0831	,7076	+8,0748
608	o Aurigæ	6.7	3	33 8,13	4,636	8,0763	9,0107	,6661	+7,9589
609	393 Tauri	6.7	1	33 11,82	3,524	7,9382	8,8451	,5470	+7,4210
610	394 ———	6.7	4	33 18,53	3,635	7,9219	8,8575	,5605	+7,5165
611	32 Columbæ	6.7	4	33 25,84	1,923	+8,0064	+8,9419	+0,2840	−7,8216
612	29 ———	6.7	4	33 43,96	2,216	7,9550	,8961	,3456	−7,6875
613	Orionis	6.7	4	34 48,55	3,029	7,8610	,8215	,4813	−6,3332
614	ρ^1 Leporis	7	3	35 25,09	2,189	7,9291	,9003	,3402	−7,6708
615	396 Tauri	7	4	35 30,48	3,515	7,8701	,8448	,5459	+7,3742
616	ι Columbæ	7	3	35 54,52	2,282	+7,9071	+8,8867	+0,3583	−7,6141
617	183 Orionis	6	4	36 19,52	3,159	7,8344	8,8226	,4995	+6,6707
618	35 Columbæ	6.7	3	36 20,49	2,146	7,9199	8,9069	,3316	−7,6758
619	*k* Camelop.	6.7	4	36 29,77	5,103	8,0881	9,0838	,7078	+8,0110
620	397 Tauri	6.7	3	37 8,74	3,557	7,8447	8,8494	,5511	+7,3829
621	ρ^2 Columbæ	7	3	37 13,14	2,188	+7,8973	+8,9007	+0,3400	−7,6392
622	134 Aurigae	6.7	3	37 23,57	4,163	7,9244	8,9342	,6194	+7,7276
623	τ ———	7	3	37 44,72	4,149	7,9144	8,9321	,6179	+7,7143
624	91 Camelop.	6	4	37 44,86	5,273	8,0884	9,1088	,7221	+8,0210
625	399 Tauri	6.7	2	37 48,23	3,677	7,8442	8,8633	,5655	+7,4639
626	Columbæ	6.7	1	38 3,66	1,972	+7,9153	+8,9344	+0,2949	−7,7187
627	192 Orionis	6	4	38 4,64	3,093	,8003	,8220	,4904	+6,0835
628	191 ———	6 7	4	38 31,88	3,573	,8201	,8513	,5530	+7,3704
629	ϵ Columbæ	7.6	4	39 0,50	1,695	,9400	,9795	,2292	−7,7962
630	υ Aurigæ	5.6	4	39 47,42	4,080	,8604	,9214	,6107	+7,6423

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						s	″
586	4	— 4 41 31,12	+ 3,049	+9,7110	—8,0941	+0,4812	—9,9949	134	+,007	—0,11
587	4	+56 15 17,69	3,003	—9,7642	+9,0954	,4775	,9951	129	—,001	—0,09
588	4	+61 50 23,70	2,991	—9,8235	+9,1192	,4759	,9951	128	—,015	+0,10
689	4	+ 9 29 44,34	2,928	+9,4232	+8,3822	,4666	,9953	142	+,012	—0,08
590		— 4 55	2,922	+9,7126	—8,0967	,4657	,9953	144	+,002	
591	4	—35 15 29,91	2,847	+9,9661	—8,9137	+0,4544	—9,9956	158	+,023	—0,15
592	4	—34 25 23,33	2,841	+9,9628	—8,9038	,4535	,9956	159	+,014	—0,04
593		— 4 58	2,813	+9,7135	—8,0831	,4491	,9955	154	+,003	
594	4	—46 2 58,43	2,870	+0,0056	—9,0131	,4579	,9955	156		+0,09
595	4	— 5 44 28,20	2,755	+9,7251	—8,1389	,4401	,9959	163	—,003	+1,81
596	4	+ 8 50 36,16	2,738	+9,4425	+8,3225	+0,4374	—9,9959	162	—,006	0,00
597	4	+61 23 1,15	2,668	—9,8209	+9,0676	,4262	,9961	153	—,017	+0,11
598	4	+56 29 5,26	2,668	—9,7679	+9,0453	,4262	,9961	161	+,006	+0,10
599	4	+23 13 15,32	2,662	+7,9031	+8,7190	,4253	,9961	164	+,005	—0,01
600	3	— 5 2 28,38	2,645	+9,7152	—8,0636	,4224	,9962	167	—,002	—0,12
601	4	+54 46 22,39	2,553	—9,7482	+9,0172	+0,4070	—9,9964	166	+,007	—0,11
602	3	+ 4 1 16,29	2,558	+9,5599	+7,9532	,4080	,9964	171	+,022	0,00
603	4	—27 58 16,93	2,541	+9,9284	—8,7739	,4050	,9965	177	+,012	+0,03
604	4	+22 34 13,27	2,408	+8,2967	+8,6637	,3816	,9968	184	—,005	+0,07
605	4	— 3 31 17,26	2,419	+9,6937	—7,8695	,3837	,9968	185	+,003	+0,02
606	4	+56 2 12,78	2,356	—9,7649	+8,9890	+0,3721	—9,9970	179	+,004	+0,01
607	4	+56 50 41,14	2,333	—9,7738	+8,9887	,3679	,9970	182	+,011	—0,07
608	4	+49 44 34,86	2,315	—9,6794	+8,9453	,3646	,9971	186	+,025	—0,13
609	3	+18 53 35,20	2,315	+8,9494	+8,5731	,3646	,9971	191	+,019	—0,03
610	3	+23 7 7,14	2,310	+7,9542	+8,6561	,3635	,9971	192	+,005	0,00
611	4	—40 48 15,66	2,310	+9,9903	—8,8767	+0,3635	—9,9971	195	+,004	—0,07
612	4	—32 43 12,49	2,281	+9,9552	—8,7888	,3580	,9972	197	+,005	+0,05
613	4	— 1 41 44,93	2,182	+9,6656	—8,5091	,3389	,9974	200	—,002	—0,02
614	4	—33 29 9,40	2,130	+9,9591	—8,7681	,3284	,9976	205	+,023	+0,08
615	4	+18 37 33,74	2,112	+8,9731	+8,5269	,3248	,9976	202	+,006	+0,10
616	4	—30 37 13,03	2,087	+9,9440	—8,7250	+0,3200	—9,9976	207	+,004	+0,14
617	4	+ 3 55 54,98	2,049	+9,5623	+7,8458	,3115	,9977	206	+,008	+0,03
618	4	—34 45 12,28	2,054	+9,9657	—8,7666	,3127	,9977	211	—,016	0,00
619	4	+56 51 12,49	2,014	—9,7752	+8,9249	,3040	,9978	203	+,006	—0,11
620	4	+20 12 33,36	1,974	+8,8064	+8,5314	,2953	,9979	210	+,012	—0,13
621	4	—33 30 13,24	1,979	+9,9590	—8,7364	+0,2965	—9,9979	217	+,016	+0,11
622	5	+39 27 58,75	1,950	—9,4742	+8,7913	,2901	,9979	209	—,007	—0,17
623	4	+39 6 55,74	1,915	—9,4639	+8,7802	,2822	,9980	213	—,011	—0,10
624	4	+58 54 16,91	1,904	—9,7979	+8,9102	,2796	,9980	208	+,003	0,00
625	4	+24 37 6,23	1,909	—8,3124	+8,5986	,2809	,9980	214	—,002	—0,02
626	4	—39 29 3,54	1,909	+9,9859	—8,7823	+0,2809	—9,9980	224	+,011	—0,01
627	4	+ 1 6 16,84	1,898	+9,6180	+7,2595	,2783	,9980	220	+,007	—0,03
628	4	+20 48 16,03	1,857	+8,7160	+8,5172	,2689	,9981	222	+,015	0,00
629	4	—45 54 43,40	1,822	+0,0073	—8,8149	,2606	,9982	231	+,013	—0,25
630	4	+37 14 58,06	1,735	—9,4116	+8,7193	,2394	,9984	228	—,011	—0,05

No.	Star's name and No.		No. Obs.	Right Ascension Jan. 1, 1835.	Anuual Precession.	Logarithms of			
						a	*b*	*c*	*d*
				h. m. s.	s.				
631	μ	Columbæ	6	3	5 39 52,04	+2,225	+7,8375	+8,8956	+0,3473	—7,5661
632	142	Aurigæ	6.7	4	40 40,67	3,902	,8139	,8943	,5913	+7,5389
633		Columbæ	6.7	4	40 47,59	2,384	,7929	,8733	,3773	—7,4529
634		Orionis	6	4	40 57,46	3,297	,7437	,8288	,5181	+6,9740
635	145	Aurigæ	6	4	41 44,97	3,962	,7977	,9033	,5979	+7,5437
636	36	Columbæ	7	4	42 18,44	1,883	+7,8337	−8,9492	+0,2748	—7,6563
637	w	Orionis	6	4	43 24,31	2,891	7,6820	8,8266	,4610	—6,8015
638	203	———	var.	4	43 30,79	3,559	7,7024	8,8505	,5513	+7,2416
639	96	Camelop	6.7	5	43 41,48	6,206	8,0699	9,2307	,7928	+8,0338
640	98	———	7	5	43 51,24	5,016	7,9084	9,0710	,7004	+7,8250
641	99	Camelop		5	45 12,44	6,192	+8,0258	+9,2291	+0,7918	+7,9895
642	100	———	6.7	4	46 0,33	4,994	7,8417	9,0678	,6984	+7,7566
643	154	Aurigæ	6.7	4	46 5,03	3,804	,6549	8,8810	,5802	+7,3393
644	δ^1	Columbæ	6.7	5	46 56,00	2,038	,6767	8,9247	,3092	—7,4627
645	λ	———	6	3	47 7,24	2,174	,6490	8,9038	,3373	—7,3947
646	48	Columbæ	6	3	47 16,40	2,004	+7,6707	+8,9301	+0,3019	—7,4655
647		Orionis	7.8	4	47 24,88	3,532	,5794	,8481	,5480	+7,0965
648	413	Tauri	6	3	47 45,55	3,717	,5864	,8694	,5702	+7,2272
649	162	Aurigæ	6.7	4	48 27,55	4,544	,6863	,9969	,6574	+7,5565
650	51	Columbæ	6.7	4	49 30,79	1,949	,5962	,9391	,2898	—7,4042
651	σ	Columbæ	6.7	4	49 47,46	2,249	+7,5359	+8,8930	+0,3520	—7,2546
652	δ^2	———	6	3	49 49,47	2,057	,5620	8,9219	,3132	—7,3428
653	166	Aurigæ	6	4	49 59,21	4,653	,6369	9,0145	,6675	+7,5205
654	τ	Columbæ	6.7	3	50 8,72	2,253	,5206	8,8923	,3528	—7,2375
655	Q^1	Tauri	6	4	50 28,25	3,631	,4661	8,8591	,5600	+7,0559
656	A^1	Monocer.	6.7	4	51 10,45	2,847	+7,4074	+8,8295	+0,4544	—6,6219
657	c^1	Aurigæ	6.7	6	51 24,44	4,310	,5162	8,9589	,6345	+7,3493
658	n	Camelop.	7.8	0	51	4,752	,5876	9,0304	,6769	+7,4816
659		Orionis	7	4	52 52,29	3,142	,3053	8,8244	,4972	+6,0475
660	c^2	Aurigæ	6.7	2	53 11,37	4,312	,4104	8,9595	,6347	+7,2437
661	178	Aurigæ	6.7	4	53 43,51	4,110	+7,3401	+8,9269	+0,6138	+7,1290
662	46	Columbæ	6	4	53 44,17	1,776	,3995	,9672	,2494	—7,2417
663	7	Geminor.	.7	4	54 0,29	3,703	,2664	,8680	,5685	+6,8993
664	v	Columbæ	5.6	3	54 5,74	1,830	,3618	,9585	,2624	—7,1912
665		Monocer.	7	4	54 12,02	2,897	,2154	,8273	,4619	—6,3194
666	248	Orionis	7.8	3	54 13,65	3,246	+7,2105	+8,8276	+0,5113	+6,3329
667	ϕ	Columbæ	6	3	55 17,66	2,170	,2011	8,9048	,3365	—6,9477
668	o	Camelop.	6.7	4	55 25,28	5,285	,3673	9,1112	,7230	+7,3000
669	107	———	6	3	56 14,66	6,032	,3640	9,2100	,7805	+7,3238
670	109	———	6.7	4	56 16,89	5,308	,2771	9,1143	,7249	+7,2110
671		Geminor.	7.8	2	57 2,22	3,739	+6,9386	+8,8728	+0,5728	+6,5909
672	5	Monocer.	6.7	4	57 39,59	2,827	,7997	8,8308	,4513	—6,0493
673	12	Geminor.	7	4	57 47,46	3,627	,7851	8,8590	,5595	+6,3719
674	191	Aurigæ	6.7	3	58 58,25	4,590	,4684	9,0046	,6618	+6,3444
675	D^1	Monocer.	7	4	59 8,53	2,804	,2959	8,8322	,4478	—5,5829

No.	No. Obs.	Declination Jan. 1, 1835.	Annuel Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	s						s.	
631	4	—32 22 24,50	+ 1,747	+9,9542	—8,6689	+0,2423	—9,9983	238	+,003	—0,01
632	4	+32 4 10,65	1,660	—9,2068	+8,6431	,2200	,9985	237	+,028	+0,06
633	4	—27 11 50,19	1,660	+9,9253	—8,5781	,2200	,9985	241	+,008	+0,04
634	4	+ 9 48 43,20	1,681	+9,4116	+8,1437	,2155	,9985	239	+,027	—0,17
635	4	+33 51 55,99	1,567	—9,2923	+8,6391	,1950	,9987	243	+,005	—0,02
636	4	—41 38 59,81	1,532	+9,9943	—8,7058	+0,1852	—9,9987	250	+,007	—0,07
637	4	— 7 34 4,58	1,433	+9,7489	—7,9738	,1563	,9989	254	+,011	+0,04
638	5	+20 15 8,66	1,421	+8,7924	+8,3900	,1527	,9989	251	+,009	—0,12
639	4	+66 59 6,99	1,381	—9,8739	+8,8021	,1401	,9990	246	—,027	+0,07
540	4	+55 37 7,28	1,375	—9,7619	+8,7529	,1383	,9990	248	+,010	—0,10
641		+66 53	1,253	—9,8739	+8,7595	+0,0979	—9,9992	253	—,020	
642	4	+55 17 43,24	1,189	—9,7589	+8,6880	,0751	,9992	264	+,003	—0,15
643	4	+28 54 27,58	1,189	—9,0128	+8,4575	,0753	,9992	266	+,002	—0,01
644	4	—37 40 12,54	1,130	+9,9795	—8,5374	,0533	,9993	274	+,022	+0,14
645	4	—33 50 29,60	1,113	+9,9619	—8,4902	,0465	,9993	276	—,007	—0,26
646	4	—38 33 53,56	1,101	+9,9827	—8,5347	+0,0419	—9,9993	278	+,002	+0,12
647	1	+19 11 8,38	1,078	+8,9138	+8,2477	0,0327	,9994	272	+,022	—0,13
648	4	+25 55 34,35	1,043	—8,6721	+8,3572	0,0184	,9994	273	+,007	+0,06
649	4	+47 52 53,07	0,979	—9,6532	+8,5591	9,9908	,9995	275	+,008	+0,05
650	4	—39 59 29,28	0,909	+9,9886	—8,4646	9,9587	,9996	286	+,008	—0,08
651	4	—31 33 39,16	0,880	+9,9508	—8,3613	+9,9445	—9,9996	288	+,016	+0,13
652	4	—37 8 59,17	0,874	+9,9773	—8,4205	,9417	,9996	290	+,004	—0,15
653	4	+49 53 43,12	0,839	—9,6857	+8,5056	,9239	,9996	280	—,003	+0,21
654	4	—31 24 33,38	0,851	+9,9499	—8,3448	,9299	,9996	292	+,009	+0,05
655	4	+22 52 54,77	0,810	+8,0414	+8,1964	,9086	,9996	285	+,009	—0,06
656	4	— 9 24 8,94	0,758	+9,7716	—7,7914	+9,8795	—9,9997	294	+,006	—0,04
657	4	+42 54 28,40	0,723	—9,5587	+8,3901	,8590	,9997	293	+,013	—0,10
658		+51 33	0,723	—9,7101	+8,4511	,8590	,9997	291		
659	4	+ 3 10 32,62	0,606	+9,5775	+7,2229	,7827	,9998	299	+,009	—0,08
660	4	+42 59 4,05	0,565	—9,5611	+8,2811	,7524	,9998	298	—,005	—0,18
661	4	+37 57 41,20	0,519	—9,4362	+8,2019	+9,7150	—9,9999	301	,000	—0,06
662	4	—44 3 0,23	0,542	+0,0030	—8,2743	,7341	,9998	313	+,010	—0,06
663	5	+25 26 30,37	0,501	—8,5682	+8,0311	,7001	,9999	306	+,015	—0,10
664	4	—42 49 38,09	0,507	+9,9991	—8,2356	,7052	,9999	315	,000	+0,06
665	4	— 7 17 38,27	0,490	+9,7458	—7,4920	,6899	,9999	312	+,012	+0,25
666	8	+ 7 37 19,05	0,484	+9,4727	+7,5051	+9,6847	—9,9999	309	+,006	—0,03
667	4	—33 55 1,39	0,396	+9,9628	—8,0428	,5982	,9999	320	+,015	+0,06
668	4	+58 56 42,91	0,361	—9,8007	+8,1889	,5581	,9999	310	+,011	+0,01
669	4	+65 44 14,99	0,286	—9,8651	+8,1137	,4559	0,0000	314	—,006	—0,06
670	4	+59 11 0,97	0,291	—9,8007	+8,0966	,4647	,0000	316	,000	0,00
671	3	+26 41 29,78	0,233	—8,7853	+7,7181	+9,3677	—0,0000	325	+,006	+0,06
672	4	—10 14 17,38	0,189	+9,7817	—7,2185	9,2708	,0000	330	,000	—0,01
673	4	+22 43 9,51	0,169	+8,1461	+7,5129	9,2281	,0000	329	+,011	+0,07
674	3	+48 44 5,60	0,058	—9,6684	+7,3397	8,7657	,0000	334	+,015	—0,24
675	4	—11 9 39,76	0,058	+9,7924	—6,7507	8,7657	,0000	339	+,007	+0,01

No.	Star's Name and Mag.	No. Obs.	Right Ascension. Jan. 1, 1831.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
676	2 Canis Maj. 6	4	5 59 39,21	+2,498	+5,6250	+8,8602	+0,3976	—5,2186
677	Columbae 6.7	1	59 43,99	1,730	5,9155	,9747	,2380	—5,7653
678	52 Columbae 7	3	59 45,43	1,723	5,7406	,9758	,2363	—5,5914
679	——— 6.7	3	59 55,77	1,728	—5,3766	,9751	,2375	+5,2267
680	62 ——— 6.7	3	6 1 7,29	2,157	—6,6493	,9068	,3338	+6,4000
681	Camelop. 6.7	4	1 17,16	6,664	—7,1770	+9,2819	+0,8237	—7,1489
682	17 Geminor. 6.7	4	1 25,12	3,675	6,7434	8,8647	,5653	—6,6303
683	Columbae 6.7	6	1 35,55	1,853	6,8164	,9548	,2679	+6,6443
684	——— 7.8	4	1 39,24	2,055	6,8013	,9226	,3128	+6,5826
685	——— 6.7	4	2 14,96	1,729	6,9827	,9749	,2378	+6,8327
686	1 Navis 6	3	2 45,64	1,860	—7,0609	+8,9537	+0,2695	+6,8876
687	ρ^2 Columbae 6.7	4	2 58,49	1,746	,0986	,9721	,2420	+6,9459
688	ρ ——— 6.7	4	3 43,37	1,763	,1890	,9694	,2462	+7,0334
689	Navis 6.7	4	4 50,88	1,934	,2746	,9416	,2865	+7,0855
690	Canis Maj. 7	3	4 53,71	2,387	,2128	,8740	,3778	+6,8701
691	m^1 Teles. Hers. 6.7	5	5 16,63	4,474	—7,3789	+8,9857	+0,6507	—7,2392
692	57 Columbae 6.7	3	5 55,97	1,721	,3942	8,9762	,2358	+7,2456
693	m^2 Teles. Hers. 6.7	4	5 58,27	4,471	,4268	8,9853	,6504	—7,2868
694	Canis Maj. 7	4	6 31,47	2,345	,3433	8,8795	,3701	+7,0208
695	5 Lyncis 7	4	6 50,58	5,562	,6510	9,1497	,7452	—7,5963
696	Orionis 7	3	7 15,86	3,281	—7,3461	+8,8291	+0,5160	—6,5444
697	6 Lyncis 6.7	4	7 24,52	5,329	,6494	9,1173	,7266	—7,5844
698	Monocer. 7	3	7 27,36	3,189	,3538	8,8254	,5036	—6,3083
699	208 Aurigæ 6	4	8 21,54	4,874	,6306	9,0494	,6879	—7,5359
700	24 Monocer. 7	2	8 31,95	3,189	,4099	8,8253	,5036	—6,3630
701	27 Geminor. 7	4	8 51,20	3,653	—7,4624	+8,8617	+0,5626	—7,0660
702	29 ——— 6.7	3	9 20,95	3,644	,4829	8,8606	,5616	—7,0807
703	25 Monocer 7	2	9 57,88	2,817	,4682	8,8310	,4498	+6,7356
704	16 Canis Maj. 6.7	3	10 11,48	2,521	,5116	8,8572	,4016	+7,0907
705	Lyncis 7	4	10 31,57	5,661	,8444	9,1629	,7529	—7,7934
706	4 Navis 6 7	3	11 8,80	1,979	—7,6235	+8,9341	+0,2964	+7,4242
707	Lyncis 7	3	11 12,50	5,247	,8101	9,1055	,7199	—7,7410
708	30 Geminor. 7	3	11 22,47	3,586	,5609	8,8538	,5546	—7,1192
709	χ^2 Columbae 6.7	3	11 24,44	2,038	,6270	8,9249	,3092	+7,4130
710	31 Geminor. 7	1	11 29,87	3,587	,5636	8,8539	,5547	—7,1231
711	χ^1 Columbae 6	3	11 30,54	2,056	—7,6292	+8,9220	+0,3130	+7,4105
712	8 Lyncis 7	4	11 30,95	5,261	7,8245	9,1075	0,7211	—7,7562
713	32 Geminor. 8	2	11 45,21	3,657	7,5814	8,8620	0,5631	—7,1879
714	Camelop. 7	4	11 48,92	10,409	8,3138	9,5709	1,0174	—8,3067
715	Monocer. 7	3	12 10,35	2,885	7,5610	8,8273	0,4601	+6,6936
716	9 Lyncis 6	4	12 23,82	5,243	—7,8526	+9,1051	+0,7196	—7,7834
717	26 Can. Maj. 7	4	13 44,21	2,158	,6884	8,9061	,3340	+7,4393
718	——— 7 8	3	13 58,87	2,300	,6739	,8853	,3617	+7,3722
719	5 Navis 6.7	3	14 21,97	1,972	,7359	,9351	,2949	+7,5386
720	28 Canis Maj. 5.6	4	14 38,11	2,166	,7439	,9047	,3357	+7,4924

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″							
676	6	—23 5 47,25	+ 0,012	+9,8982	—6,3584	+8,0667	—0,0000	342	—,003	+0,05
677	4	—45 2 26,11	+ 0,017	+0,0056	—6,7906	,2428	,0000	346	+,008	+0,07
678	4	—45 11 19,43	+ 0,012	+0,0065	—6,6156	,0667	,0000	347	+,002	—0,17
679	4	—45 4 55,70	— 0,006	+0,0060	+6,2517	—7,7657	,0000	348	+,009	+0,25
680	4	—34 17 44,36	0,111	+9,9647	+7,4932	—9,0444	,0000	352	+,010	+0,01
681	4	+69 36 42,69	0,157	—9,8954	—7,8670	—9,1971	—0,0000	337	—,007	—0,24
682	4	+24 26 53,57	0,152	—8,2787	—7,4956	,1807	,0000	350	+,006	—0,13
683	4	—42 16 55,80	0,146	+9,9969	+7,6895	,1636	,0000	6	—,025	—0,01
684		—37 10	0,152	+9,9777	+7,6600	,1807	,0000	5	+,007	
685	4	—45 4 33,69	0,204	+0,0060	+7,8578	,3098	,0000	11	+,007	—0,11
686	4	—42 7 55,73	0,257	+9,9974	+7,9338	—9,4091	—0,0000	12	+,014	+0,08
687	4	—44 42 34,37	0,268	+0,0047	+7,9737	,4284	0,0000	15	+,005	—0,10
688	4	—44 19 53,80	0,332	+0,0039	+8,0639	,5216	9,9999	20	,000	+0,01
689	4	—40 19 41,01	0,431	+9,9921	+8,1438	,6349	0,0000	28	—,012	—0,13
690	4	—27 1 27,31	0,437	+9,9248	+7,9960	,6407	,0000	26	+,002	+0,01
691	4	+46 28 12,21	0,496	—9,6294	—8,2534	—9,6951	—0,0000	19	—,011	+0,22
692	4	—45 14 59,59	0,525	+0,0065	+8,2693	,7199	9,9999	34	+,028	—0,31
693	4	+46 24 56,11	0,554	—9,6284	—8,3013	,7434	0,0000	25	+,006	—0,12
694	4	—28 25 29,39	0,583	+9,9335	+8,1411	,7656	9,9998	36	—,010	+0,15
695	4	+61 49 25,26	0,635	—9,8299	—8,4463	,8031	0,0000	27	—,004	—0,03
696	4	+ 9 4 29,78	0,659	+9,4330	—7,7150	—9,8187	—9,9998	38	+,011	—0,37
697	4	+59 25 49,29	0,682	—9,8055	—8,4668	,8338	,9997	31	+,007	—0,05
698	8	+ 5 9 39,17	0,676	+9,5340	—7,4826	,8301	,9998	41	+,007	—0,11
699	4	+53 30 59,24	0,764	—9,7364	—8,4862	,8829	,9997	40	,000	—0,13
700		+ 5 8	0,770	+9,5340	—7,5373	,8862	,9997	49	—,003	
701	4	+23 39 34,81	0,799	—7,4771	—8,2039	—9,9023	—9,9996	51	+,007	+0,02
702	4	+23 19 59,45	0,839	+7,3010	—8,2197	,9239	,9996	53	+,022	+0,21
703		—10 40	0,868	+9,7860	+7,9042	,9387	,9996	56		
704	3	—22 19 6,42	0,899	+9,8921	+8,2331	,9559	,9995	60	+,001	+0,03
705	4	+62 45 47,99	0,962	—9,8382	—8,6300	,9830	,9995	54	—,008	0,00
706	3	—39 12 28,84	0,979	+9,9854	+8,4896	—9,9908	—9,9995	68	+,010	—0,12
707	3	+58 30 12,70	1,014	—9,7958	—8,6349	0,0061	,9994	55	—,011	—0,11
708	3	+21 11 54,85	1,020	+8,6385	—8,2648	,0085	,9994	62	+,012	+0,01
709	3	—37 41 2,19	1,008	+9,9791	+8,4877	,0035	,9994	70	,000	+0,18
710	3	+21 16 2,51	1,026	+8,6232	—8,2686	,0110	,9994	64	+,007	+0,10
711	3	—37 11 43,37	1,020	+9,9773	+8,4879	—0,0085	—9,9994	71	+,015	—0,02
712	3	+58 40 38,08	1,043	—9,7980	—8,6480	,0183	,9994	57	,000	+0,04
713	4	+23 49 47,43	1,049	—7,8129	—8,3253	,0208	,9994	67	+,008	0,00
714	4	+79 42 7,60	1,107	—9,9562	—8,7352	,0442	,9993	42	+,002	—0,02
715	3	— 7 48 20,92	1,084	+9,7520	+7,8656	,0350	,9994	73	+,005	0,00
716	4	+58 29 45,46	1,119	—9,7952	—8,6776	—0,0488	—9,9993	63	—,005	+0,01
717	4	—34 19 47,34	1,212	+9,9638	+8,5324	,0835	,9992	79	+,002	—0,09
718	4	—29 57 4,67	1,229	+9,9415	+8,4860	,0897	,9992	80	+,157	—0,11
719	3	—39 25 6,31	1,264	+9,9858	+8,6026	,1019	,9991	86	—,001	+0,03
720	4	—34 4 27,03	1,381	+9,9633	+8,5866	,1401	,9990	87	+,002	+0,11

No.	Star's name and Mag.	No. Obs.	Right Ascension. Jan. 1, 1831.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
721	219 Aurigæ 7	4	6 15 37,27	+4,807	—7,8834	+9,0387	+0,6819	—7,7829
722	37 Geminor. 6.7	3	15 48,60	3,599	,7013	8,8548	,5562	—7,2695
723	Monocer. 6.7	4	16 4,90	3,183	,6780	8,8244	,5028	—6,6140
724	11 Lyncis 6	4	16 26,03	5,223	,9694	9,1018	,7179	—7,8991
725	223 Aurigæ 7	4	17 43,13	4,486	,8816	8,9870	,6519	—7,7472
726	122 Camelop. 6	3	17 58,43	10,409	—8,4857	+9,5707	+1,0174	—8,4787
727	Monocer. 6.7	4	18 14,65	3,080	7,7297	8,8225	0,4885	—5,6985
728	11 Navis 6.7	4	18 17,86	2,078	,8268	,9181	,3176	+7,6025
729	226 Aurigæ 6.7	4	18 44,82	4,246	,8690	,9479	,6280	—7,6903
730	*c* Monocer. 6.7	4	18 50,44	2,969	,7432	,8236	,4726	+6,6147
731	43 Monocer. 7	3	19 11,55	3,312	—7,7597	+8,8295	+0,5201	—7,0162
732	13 Navis 6.7	4	19 23,48	1,943	,8695	,9394	,2885	+7,6794
733	228 Aurigæ 6.7	4	19 57,25	3,785	,8253	,8776	,5781	—7,5014
734	Monocer. 6.7	2	20 22,23	3,057	,7770	,8222	,4853	+5,6879
735	——— 6.7	4	20 24,60	3,073	,7784	,8221	,4876	—5,3883
736	15 Navis 7.8	3	20 29,82	1,916	—7,8985	+8,9436	+0,2824	+7,7144
737	12 Lyncis 6.7	2	20 48,79	5,001	8,0359	9,0685	0,6991	—7,9518
738	d^2 Monocer. 6.7	5	20 49,46	2,906	7,7885	8,8253	0,4633	+6,8702
739	120 Camelop. 6	3	20 55,49	30,995	9,1569	0,1445	1,4913	—9,1565
740	17 Navis 7.8	3	20 57,61	1,888	7,9029	8,9480	0,2760	+7,7246
741	231 Aurigæ 6	3	21 41,05	3,918	—7,8798	+8,8962	+0,5931	—7,6108
742	14 Lyncis 6.7	2	22 5,97	5,077	8,0740	9,0799	,7056	—7,9951
743	D^2 Can. Maj. 6	3	22 31,09	2,228	7,8913	8,8946	,3479	+7,6187
744	20 Navis 7.8	3	22 32,04	1,911	,9408	,9442	,2813	+7,7581
745	*c* Lyncis 6	5	22 35,33	5,529	8,1489	9,1447	,7426	—8,0933
746	46 Geminor. 6.7	3	22 44,23	3,496	—7,8468	+8,8432	+0,5436	—7,3341
747	17 Lyncis 6.7	3	23 25,11	5,526	8,1635	9,1443	,7424	—8,1078
748	21 Navis 6.7	2	23 25,74	1,914	7,9566	8,9436	,2819	+7,7733
749	A Lyncis 6.7	3	23 36,10	5,113	8,1068	9,0852	,7087	—8,0303
750	——— 7	2	23 56,85	5,000	,0958	,0681	,6990	—8,0117
751	236 Aurigæ 6.7	4	24 21,18	3,884	—7,9245	+8,8909	+0,5893	—7,6434
752	47 Geminor. 7	4	24 55,07	3,540	,8889	,8471	,5490	—7,4135
753	57 Monocer. 6.7	4	25 3,08	2,809	,8735	,8294	,4485	+7,1561
754	124 Camelop. 7	2	25 14,37	5,571	8,2013	9,1503	,7459	—8,1474
755	49 Geminor. 7	3	25 22,75	3,457	7,8901	8,8391	,5387	—7,3391
756	22 Navis 6.7	4	25 42,55	1,922	—7,9953	+8,9421	+0,2837	+7,8105
757	23 ——— 6.7	3	25 52,29	2,074	,9745	,9178	,3168	+7,7522
758	50 Geminor. 7		26	3,474	,9091	,8402	,5408	—7,3738
759	54 Can. Maj. 6	3	26 28,86	2,243	,9586	,8919	,3508	+7,6812
760	26 Navis		26	2,047	,9919	,9219	,3111	+7,7772
761	ψ^1 Aurigæ 6	4	27 13,09	4,163	—8,0143	+8,9336	+0,6194	—7,8181
762	ψ^8 ——— 6.7	3	27 19,05	4,182	,0206	,9367	,6214	—7,8290
763	52 Geminor. 6.7	3	27 20,09	3,679	7,9453	,8625	,5657	—7,5666
764	*a* Teles. Hers. 6	3	27 32,52	4,289	8,0410	,9540	,6324	—7,8718
765	243 Aurigæ 6.7	3	27 55,00	3,807	7,9715	,8793	,5806	—7,6587

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P.M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s.*	″
721	4	+52 32 10,35	— 1,398	—9,7226	—8,7432	—0,1455	—9,9989	83	+,016	+0,02
722	4	+21 43 45,23	1,404	+8,5315	—8,4136	,1474	,9989	91	+,007	—0,02
723	4	+ 4 57 14,85	1,427	+9,5391	—7,7885	,1545	,9989	93	+,007	—0,15
724	3	+58 16 22,32	1,474	—9,7924	—8,7961	,1684	,9988	90	—,006	—0,56
725	4	+46 46 50,81	1,578	—9,6325	—8,7588	,1982	,9986	96	+,006	+0,03
726	4	+79 43 14,27	1,643	—9,9562	—8,9066	—0,2154	—9,9985	75	+,050	—0,61
727	4	+ 0 32 39,76	1,613	+9,6284	—6,8746	,2077	,9986	104	+,009	—0,08
728	4	—36 37 30,91	1,620	+9,9746	+8,6830	,2093	,9986	110	+,002	+0,02
729	4	+41 30 4,60	1,666	—9,5250	—8,7408	,2216	,9985	103	+,008	+0,08
730	4	— 4 15 49,16	1,660	+9,7050	+7,7896	,2200	,9985	111	+,017	—0,05
731	4	+10 24 1,36	1,700	+9,3927	—8,1851	—0,2306	—9,9984	113	+,010	—0,12
732	4	—40 11 47,36	1,700	+9,9886	+8,7385	,2306	,9984	117	+,012	—0,07
733	4	+28 18 47,80	1,770	—8,9542	—8,6221	,2480	,9983	114	+,005	—0,09
734	4	— 0 28 28,61	1,799	+9,6454	+6,8649	,2551	,9982	118	+,010	—0,06
735	4	+ 0 13 32,06	1,805	+9,6335	—6,5643	,2565	,9982	119	+,001	—0,18
736	1	—40 52 57,75	1,799	+9,9912	+8,7690	—0,2551	—9,9982	124	+,014	—0,05
737	3	+55 27 45,11	1,851	—9,7589	—8,8813	,2675	,9981	115	+,021	—0,09
738	1	— 6 55 59,23	1,834	+9,7411	+8,0432	,2634	,9982	122	+,005	—0,03
739	3	+87 15 59,16	2,052	—9,9881	—9,0096	,3121	,9977	21	+,131	+0,03
740	4	—41 32 29,98	1,799	+9,9959	+8,7748	,2551	,9982	128	+,002	—0,13
741	4	+32 33 51,73	1,921	—9,2301	—8,7126	—0,2835	—9,9980	126	+,005	—0,01
742	4	+56 30 20,68	1,967	—9,7716	—8,9130	,2939	,9979	123	—,010	+0,01
743	4	—32 16 9,62	1,979	+9,9533	+8,7219	,2965	,9979	138	—,006	+0,09
744	4	—41 2 6,30	1,979	+9,9912	+8,8117	,2965	,9979	139	+,012	+0,18
745	8	+61 36 55,41	2,014	—9,8254	—8,9470	,3040	,9978	125	—,035	—0,17
746	4	+17 53 34,98	2,011	+9,0314	—8,4887	—0,3034	—9,9978	135	+,099	+0,01
747		+61 36 ,	2,083	—9,8254	—8,9611	,3188	,9976	132	—,025	
748	4	—40 58 16,62	2,054	+9,9912	+8,8274	,3127	,9977	145	+,017	+0,06
749	4	+56 58 47,35	2,095	—9,7767	—8,9427	,3212	,9976	133	+,007	+0,06
750	4	+55 28 51,92	2,124	—9,7581	—8,9411	,3272	,9975	137	—,002	—0,14
751	3	+31 33 15,49	2,153	—9,1761	—8,7500	—0,3331	—9,9975	142	+,003	+0,05
752	4	+19 32 52,43	2,194	+8,8808	—8,5638	,3412	,9974	147	+,013	—0,14
753	4	—11 3 3,06	2,205	+9,7896	+8,3240	,3434	,9973	154	+,016	—0,08
754	5	+62 3 16,38	2,240	—9,8293	—8,9944	,3502	,9973	141	—,013	+0,21
755	3	+16 19 40,33	2,240	+9,1367	—8,4973	,3502	,9973	152	—,005	+0,10
756	4	—40 48 10,69	2,252	+9,9899	+8,8657	—0,3525	—9,9972	159	+,009	—0,02
757	4	—36 49 42,50	2,269	+9,9745	+8,8316	,3558	,9972	160	+,007	+0,08
758	4	+16 55 27,60	2,333	+9,0989	—8,5306	,3678	,9970	158		+0,08
759	4	—31 54 45,51	2,321	+9,9504	+8,7863	,3657	,9971	164	+,023	—0,07
760	3	—37 34 28,76	2,339	+9,9777	+8,8522	,3689	,9970	166		+0,01
761	4	+39 31 35,96	2,396	—9,4728	—8,8814	—0,3795	—9,9969	161	+,004	—0,24
762	4	+40 2 2,30	2,414	—9,4871	—8,8891	,3827	,9968	162	—,008	—0,16
763	4	+24 43 9,77	2,408	—8,3222	—8,7010	,3816	,9968	165	+,014	—0,08
764	4	+42 37 32,29	2,431	—9,5478	—8,9146	,3858	,9968	163	+,012	+0,03
765	4	+29 7 1,86	2,460	—9,0170	—8,7761	3909	,9967	167	+,002	—0,07

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
766	29 Navis 6	3	6 28 2,29	+2,100	—8,0056	+8,9133	+0,3222	+7,7760
767	66 Monocer.	3	28 28,08	2,950	7,9217	,8222	,4698	+6,8691
768	58 Can. Maj. 6	3	28 28,58	2,221	,9933	,8949	,3465	+7,7245
769	59 ——— 6 7	3	28 43,86	2,178	8,0038	,9013	,3581	+7,7500
770	ν^1 ——— 6.7	3	29 9,52	2,624	7,9530	,8435	,4190	+7,4553
771	f^1 Navis 6	3	29 40,35	2,082	—8,0324	+8,9159	+0,3185	+7,8083
772	Lyncis 7	1	30 14,73	5,325	8,2449	9,1158	,7263	—8,1807
773	58 Geminor. 7	3	30 17,19	3,545	7,9737	8,8465	,5496	—7,5035
774	22 Lyncis 7		30	5,114	8,2158	9,0848	,7088	—8,1398
775	72 Monocer. 6.7	3	31 2,97	3,212	7,9600	8,8224	,5068	—6,9934
776	Navis 6.7	3	31 25,85	2,033	—8,0647	+8,9234	+0,3081	+7,8542
777	f^2 ——— 6.7	3	31 30,98	2,076	,0598	,9166	,3172	+7,8380
778	67 Can. Maj. 6.7	3	31 37,05	2,234	,0365	,8923	,3491	+7,7633
779	39 Navis	2	31 37,47	1,900	,0889	,9448	,2787	+7,9096
780	23 Lyncis 6	3	31 38,02	5,323	,2642	9,1155	,7262	—8,1999
781	77 Monocer. 6	4	32 36,34	3,083	—7,9790	+8,8195	+0,4890	—6,0225
782	24 Lyncis 6	3	32 44,84	5,130	8,2503	9,0872	,7101	—8,1755
783	Camelop. 7		32	6,289	,4047	,2398	,7986	—8,3709
784	Navis 7	3	33 2,37	2,040	,0851	8,9219	,3096	+7,8729
785	44 ——— 6.7	3	34 19,93	2,033	,1031	,9225	,3081	+7,8936
786	Can. Maj. 7	3	34 49,57	2,290	—8,0708	+8,8835	+0,3598	+7,7763
787	I Tel. Hers. 6	2	34 50,34	4,331	,1489	,9599	,6366	—7,9885
788	83 Monocer. 6.7	3	34 56,38	3,162	,0088	,8199	,5000	—6,8614
789	251 Aurigæ 6	3	35 4,48	4,584	,1944	9,0013	,6612	—8,0719
790	Can. Maj.	3	35 11,97	2,381	,0622	8,8707	,3768	+7,7264
791	46 Navis 7	3	35 51,71	1,952	—8,1354	+8,9357	+0,2905	+7,9454
792	73 Geminor. 6.7	3	36 38,21	3,368	,0395	,8293	,5274	—7,3861
793	48 Navis 7	3	36 41,42	2,031	,1322	,9227	,3077	+7,9231
794	Monocer. 7.8	1	37 48,04	3,254	,0466	,8222	,5124	—7,1929
795	49 Navis 6.7	1	37 52,78	1,999	,1521	,9277	,3008	+7,9514
796	κ^1 Can. Maj. 6.7	3	38 11,99	2,279	—8,1126	+8,8843	+0,3577	+7,8234
797	*d* Lyncis 6	3	38 30,37	5,314	,3480	9,1136	,7254	—8,2838
798	*c* Tel. Hers. 5.6	3	39 5,47	4,251	,1864	8,9460	,6285	—8,0115
799	84 Can. Maj. 6	3	39 12,75	2,258	,1269	,8872	,3537	+7,8464
800	——— 6	3	39 13,97	2,283	,1231	,8835	,3585	+7,8324
801	Aurigæ 7	3	39 32,54	4,463	—8,2264	+8,9808	+0,6496	—8,0881
802	ρ Can. Maj. 6	3	40 0,16	2,567	,0951	,8466	,4094	+7,6465
803	52 Navis 6.7	3	40 32,80	2,055	,1725	,9181	,3128	+7,9579
804	p^2 Tel. Hers. 6.7	5	41 54,29	4,117	,1937	,9237	,6146	—7,9890
805	p^3 Aurigæ 6.7	3	42 38,24	4,119	,2015	,9238	,6148	—7,9974
806	Geminor. 7	4	42 56,75	3,694	—8,1418	+8,8606	+0,5675	—7,7758
807	29 Lyncis 6.7	4	43 5,80	5,148	,3721	9,0888	,7116	—8,2993
808	101 Monocer. 6.7	4	43 50,90	3,265	,1107	8,8207	,5139	—7,2829
809	*h* Can. Maj. 6	4	44 9,21	2,263	,1771	8,8851	,3547	+7,8956
810	31 Tel. Hers. 6	4	45 33,94	4,391	,2756	8,9678	,6426	—8,1272

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s.*	″
766	4	—36 6 46,34	— 2,460	+9,9708	+8,8594	—0,3909	—9,9967	172	—,007	+0,12
767	4	— 5 4 52,39	2,501	+9,7160	+8,0435	,3980	,9966	171	+,009	—0,09
768	4	—32 35 25,04	2,495	+9,9538	+8,8263	,3970	,9966	175	+,025	—0,03
769	4	—33 53 1,26	2,518	+9,9605	+8,8453	,4010	,9965	177	+,018	+0,16
770	4	—18 31 44,05	2,558	+9,8609	+8,6082	,4080	,9964	179	+,002	+0,05
771	4	—36 39 2,00	2,599	+9,9731	+8,8887	—0,4148	—9,9963	182	+,004	+0,09
772	4	+59 35 52,10	2,674	—9,8035	—9,0610	,4272	,9961	174	+,051	—0,08
773	4	+19 48 2,27	2,662	+8,8692	—8,6532	,4253	,9961	181	+,005	—0,22
774	4	+57 5 2,06	2,685	—9,7752	—9,0511	,4290	,9961	176		+0,11
775	3	+ 6 11 56,19	2,726	+9,5105	—8,1670	,4355	,9959	190	+,010	—0,02
776	4	—38 0 39,79	2,749	+9,9786	+8,9267	—0,4392	—9,9959	195	+,016	+0,11
777	4	—36 51 12,96	2,761	+9,9736	+8,9172	,4410	,9958	197	+,011	+0,08
778	4	—32 12 14,71	2,766	+9,9518	+8,8668	,4419	,9958	198	+,019	+0,08
779	4	—41 25 14,50	2,766	+9,9912	+8,9606	,4419	,9958	199	+,020	—0,12
780	4	+59 35 46,16	2,795	—9,8028	—9,0802	,4464	,9957	185	—,003	—0,12
781	4	+ 0 38 32,18	2,864	+9,6263	—7,1986	—0,4570	—9,9955	203	—,005	—0,05
782	4	+57 19 48,22	2,887	—9,7774	—9,0838	,4605	,9954	192	+,032	0,00
783	3	+67 40 38,93	2,899	—9,8751	—9,1265	,4623	,9954	188		+0,01
784	4	—37 51 4,53	2,887	+9,9773	+8,9465	,4605	,9954	206	+,005	+0,03
785	4	—38 0 31,07	3,005	+9,9782	+8,9651	,4776	,9951	213	+,015	+0,06
786	4	—30 29 42,47	3,049	+9,9425	+8,8877	—0,4842	—9,9949	214	+,012	—0,05
787	4	+43 43 56,37	3,060	—9,5682	—9,0235	,4858	,9949	209	+,025	+0,12
788	4	+ 4 5 20,89	3,061	+9,5599	—8,0363	,4858	,9949	212	+,002	—0,03
789	4	+48 57 13,32	3,089	—9,6628	—9,0653	,4899	,9948	210	+,013	—0,03
790		—27 29	3,078	+9,9248	+8,8504	,4882	,9948	216	+,003	
791	4	—40 11 52,90	3,136	+9,9863	+9,0043	—0,4963	—9,9946	219	+,016	—0,23
792	4	+12 51 29,54	3,210	+9,3096	—8,5512	,5065	,9944	218	+,014	+0,01
793	4	—38 14 28,66	3,204	+9,9782	+8,9947	,5058	,9944	223	+,013	—0,03
794	4	+ 8 3 44,87	3,314	+9,4654	—8,3646	,5203	,9940	226	+,010	—0,07
795	4	—39 1 46,67	3,314	+9,9814	+9,0177	,5203	,9940	230	+,034	+0,13
796	4	—30 54 21,94	3,342	+9,9440	+8,9329	—0,5241	—9,9939	231	+,043	0,00
797	4	+59 37 53,94	3,389	—9,8000	—9,1639	,5300	,9937	222	+,004	—0,13
798	5	+41 58 2,02	3,434	—9,5263	—9,0590	,5359	,9935	229	—,002	—0,07
799	4	—31 36 35,64	3,429	+9,9469	+8,9527	,5351	,9935	239	+,002	—0,26
800	4	—30 46 51,03	3,429	+9,9430	+8,9425	,5351	,9935	238	+,017	—0,05
801	4	+46 40 56,30	3,475	—9,6222	—9,1007	—0,5409	—9,9934	232	+,004	+0,05
802	4	—20 50 33,55	3,498	+9,8785	+8,7932	,5438	,9933	241	+,065	—0,13
803	4	—37 36 8,27	3,545	+9,9754	+9,0329	,5494	,9931	245	+,005	0,00
804	4	+38 38 5,95	3,670	—9,4393	—9,0579	,5646	,9926	246	+,020	—0,26
805	4	+38 41 55,17	3,733	—9,4393	—9,0660	,5720	,9923	252	+,013	+0,01
806	5	+25 30 13,94	3,761	—8,4914	—8,9074	—0,5754	—9,9922	254	+,003	—0,20
807	4	+57 45 42,53	3,778	—9,7781	—9,2026	,5773	,9921	251	+,010	+0,58
808	4	+ 8 34 26,57	3,836	+9,4518	—8,4541	,5839	,9919	257	+,004	—0,07
809	4	—31 31 5,66	3,853	+9,9460	+9,0023	,5858	,9918	261	+,004	+0,10
810	4	+45 17 54,20	3,990	—9,5922	—9,1506	,6010	,9912	263	+,008	—0,06

No.	Star's Name and Mag.	No. Obs.	Right Ascension. Jan. 1, 1831.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
811	*n* Navis 6.7	4	6 45 53,43	+2,116	—8,2164	+8,9073	+0,3255	+7,9860
812	Canis Maj. 7.8	3	46 59,27	2,485	,1740	,8540	,3953	+7,7838
813	101 Cani Maj. 6	3	47 0,09	2,363	,1893	,8700	,3729	+7,8654
814	Lyncis 7	3	47 1,20	5,143	,4096	9,0877	,7112	—8,3370
815	31 ——— 6.7	4	47 41,01	4,939	,3845	,0564	,6936	—8,2982
816	257 Aurigæ 6	3	47 47,71	4,099	—8,2480	+8,9193	+0,6127	—8,0399
817	32 Lyncis 6 7	5	49 3,92	5,169	,4323	9,0913	,7134	—8,3614
818	66 Navis 6	3	49 14,94	1,886	,2842	8,9438	,2755	+8,1111
819	Lyncis 7	4	49 19,67	4,725	,3649	9,0222	,6744	—8,2602
820	112 Can. Maj. 7	3	49 41,70	2,672	,1778	8,8326	,4268	+7,6408
821	105 Geminorum. 7	4	50 40,33	3,639	—8,2052	+8,8512	+0,5610	—7,8086
822	——— 7	4	50 45,41	3,803	,2283	8,8731	,5801	—7,9197
823	33 Lyncis 6.7	3	51 25,54	5,325	,4761	9,1139	,7263	—8,4137
824	Teles. Hers. 6.7	4	51 43,18	4,477	,3449	8,9810	,6510	—8,2109
825	*t* Navis 6	4	52 22,74	2,194	,2613	8,8933	,3412	+8,0077
826	34 Lyncis 6.7	4	52 31,73	4,793	—8,4040	+9,0326	+0,6806	—8,3062
827	131 Camelopard. 6.7	3	53 41,28	11,789	9,0298	9,6434	1,0715	—9,0251
828	76 Navis 6 7	4	53 53,82	1,744	8,3468	8,9665	0,2415	+8,2004
829	125 Monocer 6	3	54 16,82	3,282	,2021	8,8173	,5161	—7,4136
830	35 Lyncis 6.7	5	54 49,00	5,412	,5168	9,1260	,7334	—8,4588
831	Lyncis 6.7	2	54 56,08	5,407	—8,5172	+9,1253	+0,7330	—8,4589
832	Monocer. *var.*		55	2,977	,2046	8,8121	,4738	+7,0518
833	B Teles. Hers. 6	3	55 18,35	3,967	,2897	,8961	,5984	—8,0452
834	130 Monocer. 6	4	56 36,86	3,283	,2200	,8163	,5163	—7,4338
835	116 Geminor. 7	3	56 42,12	3,488	,2369	,8321	,5426	—7,7263
836	4 Lyncis 7	3	56 52,96	5,250	—8,5098	+9,1024	+0,7202	—8,4443
837	80 Navis 6.7	4	57 9,22	1,854	,3541	8,9473	,2681	+8,1893
838	Geminor. 6.7	3	58 46,21	3,433	,2465	,8260	,5357	—7,6810
839	——— 7	4	58 48,37	3,826	,2945	,8735	,5827	—7,9987
840	C Navis 6	4	58 49,15	1,900	,3589	,9390	,2787	+8,1852
841	83 Navis 6	4	58 53,91	1,847	—8,3688	+8,9479	+0,2665	+8,2057
842	Lyncis 7	4	59 18,83	4,610	,4269	9,0014	,6637	—8,3115
843	88 Navis 6.7	3	7 0 43,33	1,904	,3725	8,9379	,2797	+8,1987
844	Lyncis 7	2	1 1,74	5,303	,5486	9,1096	,7245	—8,4863
845	42 ——— 6	6	1 28,11	5,291	,5503	9,1078	,7235	—8,4874
846	D Navis 6	4	1 43,01	1,963	—8,3697	+8,9277	+0,2929	+8,1834
847	123 Geminor. 7	4	1 51,29	3,427	,2680	,8240	,5349	—7,6976
848	125 ——— 7	4	2 40,05	3,696	,3035	,8537	,5677	—7,9456
849	1 Monocer. 6	3	2 57,66	3,067	,2589	,8072	,4867	+5,0237
850	1 Can. Min. 6	3	3 3,22	3,201	,2617	,8095	,5053	—7,2749
851	A Navis 6	4	3 18,73	2,013	—8,3726	+8,9189	+0,3038	+8,1750
852	126 Geminor. 7	3	3 23,67	3,423	,2776	,8229	,5344	—7,7031
853	Monocer. 7	3	4 2,67	2,952	,2678	,8084	,4701	+7,2223
854	136 Camelop. 6.7	2	4 13,10	11,353	9,0874	9,6214	1,0551	—9,0823
855	44 Lyncis. 7	3	4 19,36	5,221	8,5597	9,0970	0,7177	—8,4937

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						*s*	″
811	4	—36 2 0,30	— 4,002	+9,9671	+9,0698	—0,6022	—9,9912	271	—,001	—0,11
812	3	—24 1 46,80	4,099	+9,9004	+8,9206	,6126	,9907	277	+,004	—0,08
813	4	—28 19 7,10	4,093	+9,9274	+8,9862	,6120	,9907	278	+,037	—0,35
814	1	+57 48 34,54	4,116	—9,7760	—9,2399	,6145	,9906	269	+,007	+0,03
815	4	+55 4 22,08	4,173	—9,7427	—9,2322	,6204	,9904	273	+,009	—0,25
816	4	+38 16 12,74	4,179	—9,4232	—9,1110	—0,6210	—9,9903	276	—,004	—0,10
817	4	+58 9 9,54	4,293	—9,7789	—9,2599	,6327	,9898	280	—,001	0,00
818	4	—42 9 38,16	4,287	+9,9903	+9,1571	,6321	,9898	291	,000	—0,02
819	4	+51 47 32,32	4,310	—9,6981	—9,2277	,6344	,9897	284	—,004	—0,09
820	3	—16 52 1,38	4,363	+9,8145	+8,7978	,6367	,9896	290	—,018	+1,88
821	4	+23 39 45,34	4,418	+7,7993	—8,9465	—0,6452	—9,9892	296	+,015	+0,04
822	4	+29 26 22,29	4,429	—9,0043	—9,0358	,6463	,9891	295	+,001	0,00
823	4	+60 2 2,18	4,497	—9,7973	—9,2886	,6530	,9888	293	+,012	—0,06
824	4	+47 16 44,84	4,514	—9,6243	—9,2186	,6546	,9887	299	+,011	+0,03
825	4	—33 53 29,65	4,554	+9,9557	+9,1029	,6584	,9885	306	—,001	+0,10
826	4	+52 59 42,19	4,588	—9,7126	—9,2619	—0,6616	—9,9883	301	—,020	—0,03
827	4	+81 32 3,16	4,741	—9,9528	—9,3692	,6759	,9875	285	—,095	+0,05
828	4	—45 32 38,56	4,679	+9,9991	+9,2218	,6702	,9878	314	+,008	—0,02
829	4	+ 9 22 14,15	4,724	+9,4314	—8,5839	,6743	,9876	313	+,021	—0,09
830	8	+61 2 28,98	4,787	—9,8062	—9,3200	,6800	,9872	308	—,004	+0,04
831		+60 59	4,798	—9,8048	—9,3208	—0,6811	—9,9872	310	+,001	
832	4	— 4 0 19,74	4,804	+9,6998	+8,2268	,6816	,9871	319		+0,01
833	4	+34 42 57,37	4,815	—9,2923	—9,1361	,6826	,9871	316	—,013	—0,16
834	4	+ 9 25 42,14	4,923	+9,4297	—8,6040	,6922	,9865	324	+,010	—0,11
835	1	+17 59 16,58	4,931	+9,0569	—8,8808	,6932	,9864	322	+,013	—0,14
836	3	+59 19 5,27	4,985	—9,7867	—9,3282	—0,6957	—9,9863	321	+,015	—0,12
837	4	—43 9 58,22	4,956	+9,9912	+9,2283	,6952	,9863	327	+,009	—0,02
838	1	+15 47 34,85	5,103	+9,1903	—8,8404	,7078	,9854	329	+,009	+0,18
839	4	+30 24 5,11	5,110	—9,0607	—9,1106	,7084	,9854	330	+,009	—0,18
840	3	—42 5 51,54	5,097	+9,9868	+9,2317	,7073	,9855	335	+,010	+0,05
841	4	—43 22 53,41	5,109	+9,9908	+9,2432	—0,7083	—9,9854	336	—,005	+0,08
842	4	+50 2 57,15	5,159	—9,6646	—9,2952	,7126	,9851	331	+,001	—0,15
843	3	—42 4 40,75	5,261	+9,9863	+9,2453	,7210	,9845	344	—,001	—0,13
844	4	+60 2 41,38	5,311	—9,7910	—9,3609	,7252	,9842	339	—,005	—0,12
845	4	+59 55 9,74	5,351	—9,7896	—9,3636	,7284	,9839	340	—,011	—0,34
846	4	—40 38 20,63	5,345	+9,9809	+9,2397	—0,7280	—9,9840	6	+,003	—0,01
847	4	+15 35 48,15	5,367	+9,2014	—8,8574	,7298	,9838	346	+,003	—0,13
848	4	+26 1 2,75	5,435	—8,5051	—9,0753	,7352	,9834	5	+,004	+0,02
849	4	— 0 2 13,74	5,457	+9,6385	+6,1998	,7370	,9833	7	+,003	—0,15
850	4	+ 5 55 20,00	5,463	+9,5224	—8,4486	,7374	,9832	8	+,007	+0,02
851	4	—39 23 42,91	5,480	+9,9754	+9,2392	—0,7388	—9,9831	18	—,006	—0,12
852	4	+15 26 48,58	5,491	+9,2095	—8,8632	,7397	,9831	11	+,013	—0,11
853	2	— 5 10 36,17	5,546	+9,7143	+8,3966	,7440	,9827	19	,000	—0,10
854	4	+81 12 36,88	5,626	—9,9455	—9,4430	,7502	,9822	334	—,082	+0,14
855	4	+59 12 0,86	5,586	—9,7803	—9,3791	,7471	,9824	10	—,005	—0,10

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
856	45 Lyncis 6.7	3	7 4 51,41	+5,238	—8,5660	+9,0995	+0,7192	—8,5009
857	140 Monocer. 7	5	4 52,18	3,068	,2717	8,8061	,4869	—4,7354
858	G Can. Maj. 7	3	5 21,79	2,819	,2827	8,8139	,4501	+7,5627
859	47 Lyncis 6.7	4	5 31,74	5,246	,5722	9,1006	,7198	—8,5077
860	z Geminor. 6	3	5 38,51	3,755	,3316	8,8605	,5746	—8,0058
861	141 Monocer. 6	3	5 41,08	3,144	—8,2776	+8,8064	+0,4975	—7,0485
862	3 Can. Min. 6.7	3	6 42,34	3,253	,2879	,8096	,5123	—7,4447
863	E Navis 6.7	3	6 48,09	1,985	,4004	,9224	,2978	+8,2106
864	134 Geminor. 6.7	3	6 49,73	3,720	,3344	,8550	,5705	—7,9910
865	144 Monocer. 6.7	4	6 52,87	3,070	,2844	,8050	,4871	—5,5263
866	104 Navis 6.7	3	7 26,38	2,305	—8,3535	+8,8708	+0,3627	+8,0630
867	Geminor. 7.8	4	7 40,90	3,448	,3082	8,8229	,5376	—7,7633
868	140 Camelop. 6.7	3	7 47,68	5,297	,5945	9,1078	,7240	—8,5328
869	146 Monocer. 6.7	4	7 54,69	2,835	,2973	8,8115	,4525	+7,5504
870	L Navis 6	3	8 30,02	1,819	,4398	8,9500	,2598	+8,2846
871	4 Can. Min. 6.7	3	8 36,72	3,283	—8,3013	+8,8101	+0,5163	—7,5226
872	*f* Lyncis 7	3	9 22,47	4,928	,5481	9,0511	,6927	—8,4644
873	Monocer. 7	2	9 28,98	2,925	,3028	8,8062	,4661	+7,3499
874	109 Navis 6	3	9 34,47	1,954	,4232	8,9267	,2909	+8,2415
875	B Lyncis 7	3	9 36,13	4,610	,4975	8,9992	,6637	—8,3815
876	5 Can. Min. 6.7	3	10 44,98	3,135	—8,3086	+8,8033	+0,4962	—7,0322
877	114 Navis 6.7	3	10 49,68	2,073	,4117	8,9064	,3166	+8,2013
878	6 Can. Min. 6.7	3	10 53,21	3,234	,3125	8,8063	,5097	—7,4243
879	115 Navis 6.7	3	10 57,08	2,133	,4021	8,8964	,3290	+8,1744
880	Lyncis 7	4	11 35,46	5,015	,5762	9,0645	,7003	—8,4992
881	——— 7.8	1	11 43,02	5,013	—8,5768	+9,0642	+0,7001	—8,4997
882	119 Navis 6	3	12 26,59	2,130	,4119	8,8963	,3284	+8,1858
883	g Teles. Hers. 5.6	3	12 42,09	4,171	,4418	,9236	,6202	—8,2586
884	120 Navis 6	3	12 46,38	2,131	,4138	,8961	,3286	+8,1877
885	F ——— 6.7	2	12 55,88	2,044	,4294	,9104	,3105	+8,2275
886	143 Geminor. 6.7	6	13 29,23	3,494	—8,3471	+8,8243	+0,5433	—7,8505
887	150 Monocer. 6	4	13 35,48	3,079	,3246	8,8010	,4884	—6,2508
888	z Camelopar. 6	3	13 37,87	6,332	,7676	9,2422	,8015	—8,7371
889	153 Monocer. 6.7	4	14 7,14	2,875	,3323	8,8057	,4586	+7,5112
890	g Lyncis 5.6	4	14 14,75	4,552	,5165	8,9882	,6582	—8,3978
891	144 Geminor. 6.7		14	3,740	—8,3826	+8,8543	+0,5729	—8,0535
892	152 Monocer. 6	2	14 19,81	2,942	,3305	,8027	,4686	+7,3263
893	64 Teles. Hers. 6.7	4	15 15,77	4,271	,4743	,9398	,6305	—8,3126
894	Navis 6	3	16 18,13	2,287	,4098	,8695	,3593	+8,1307
895	51 Lyncis 7	3	16 32,72	4,494	,5204	,9777	,6526	—8,3948
896	s^1 Navis 6.7	4	16 42,35	2,291	—8,4111	+8,8688	+0,3600	+8,1306
897	149 Geminor. 6.7	3	17 5,22	3,574	,3762	,8311	,5531	—7,9469
898	*r* ——— 6.7	2	17 12,62	3,541	,3732	,8273	,5491	—7,9192
899	H Off. Typ. 6	2	17 13,05	2,709	,3611	,8156	,4328	+7,7983
900	s^2 Navis 6	4	17 14,76	2,284	,4152	,8697	,3587	+8,1380

No.	No. Obs	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						s.	″
856	4	+59 24 36,00	— 5,631	—9,7818	—9,3836	—0,7506	—9,9822	16	+,015	—0,11
857	4	+ 0 0 43,97	5,620	+9,6375	—5,9115	,7497	,9822	24	+,006	—0,10
858	4	—10 58 41,98	5,659	+9,7846	+8,7307	,7527	,9820	27	,000	—0,04
859	4	+59 32 23,34	5,693	—9,7825	—9,3888	,7553	,9817	22	+,002	—0,16
860	4	+28 10 36,78	5,687	—8,8451	—9,1271	,7549	,9818	25	+,011	—0,05
861	4	+ 3 23 16,80	5,687	+9,5763	—8,2239	—0,7549	—9,9818	29	+,005	+0,01
862	4	+ 8 15 30,79	5,774	+9,4669	—8,6163	,7614	,9812	37	+,009	0,00
863	4	—40 13 30,45	5,771	+9,9777	+9,2694	,7612	,9812	41	—,001	—0,18
864	4	+26 58 48,59	5,788	—8,6812	—9,1171	,7625	,9811	35	+,008	—0,10
865	4	+ 0 7 4,24	5,788	+9,6355	—6,7024	,7625	,9811	38	+,013	—0,12
866	5	—30 48 19,32	5,827	+9,9360	+9,1730	—0,7654	—9,9806	44	+,005	—0,04
867	3	+16 34 43,39	5,860	+9,1553	—8,9210	,7679	,9806	42	+,008	0,00
868	4	+60 11 41,60	5,877	—9,7875	—9,4055	,7691	,9805	36	—,009	—0,14
869	4	—10 18 4,73	5,866	+9,7767	+8,7194	,7683	,9806	46	+,002	—0,14
870	3	—44 22 26,68	5,916	+9,9903	+9,3148	,7720	,9802	55	+,026	+0,47
871	4	+ 9 35 5,49	5,933	+9,4297	—8,6926	—0,7732	—9,9801	52	—,005	—0,15
872	3	+55 35 5,33	6,005	—9,7340	—9,3929	,7785	,9796	47	+,042	—0,09
873	4	— 6 23 26,16	6,000	+9,7300	+8,5233	,7781	,9796	56	+,002	0,00
874	4	—41 8 30,26	6,000	+9,9800	+9,2944	,7781	,9796	58	+,019	—0,06
875	4	+50 26 51,03	6,021	—9,6618	—9,3647	,7797	,9795	53	+,016	—0,07
876	4	+ 3 2 12,24	6,110	+9,5832	—8,2077	—0,7861	—9,9788	63	+,008	—0,01
877	3	—38 1 39,82	6,110	+9,9680	+9,2738	,7861	,9788	65	+,009	+0,13
878	4	+ 7 26 33,63	6,122	+9,4871	—8,5967	,7869	,9787	64	+,011	—0,02
879	4	—36 18 5,64	6,116	+9,9609	+9,2569	,7865	,9788	66	+,005	—0,05
880	3	+56 52 50,35	6,194	—9,7474	—9,4129	,7920	,9782	61	+,007	—0,01
881		+56 51	6,205	—9,7474	—9,4136	—0,7927	—9,9781	62	—,002	
882	4	—36 26 14,13	6,243	+9,9609	+9,2673	,7954	,9778	74	+,009	—0,02
883	4	+40 58 55,31	6,277	—9,4698	—9,3126	,7977	,9776	70	+,011	—0,09
884	4	—36 26 41,93	6,271	+9,9605	+9,2693	,7974	,9776	78	+,012	+0,01
885	4	—38 54 42,67	6,288	+9,9704	+9,2946	,7985	,9775	80	+,001	+0,11
886	4	+18 35 1,07	6,338	+9,0374	—9,0033	—0,8019	—9,9771	77	+,013	—0,01
887	4	+ 0 28 57,88	6,349	+9,6294	—7,4268	,8027	,9770	81	+,012	—0,12
888	4	+68 47 24,63	6,371	—9,8615	—9,4717	,8042	,9769	67	—,011	—0,07
889	4	— 8 40 19,07	6,387	+9,7574	+8,6823	,8053	,9767	85	+,001	+0,08
890	4	+49 31 44,08	6,410	—9,6425	—9,3861	,8068	,9766	79	+,006	—0,16
891		+27 57	6,410	—8,7853	—9,1757	—0,8068	—9,9766	83		
892	3	— 5 40 27,70	6,404	+9,7210	+8,5002	,8065	,9766	86	+,006	—0,09
893	4	+43 34 38,74	6,492	—9,5289	—9,3488	,8124	,9759	87	+,006	—0,03
894	4	—31 44 2,08	6,569	+9,9375	+9,2365	,8175	,9753	96	+,017	+0,05
895	4	+48 30 38,37	6,603	—9,6222	—9,3922	,8197	,9751	92	+,010	—0,04
896	4	—31 36 36,16	6,597	+9,9370	+9,2369	—0,8194	—9,9751	99	+,013	+0,06
897	4	+21 51 33,67	6,636	+8,7160	—9,0907	,8219	,9748	97	,000	+0,03
898	4	+20 34 49,10	6,647	+8,8692	—9,0666	,8226	,9747	98	+,004	0,00
899	4	—15 52 58,35	6,641	+9,8293	+8,9575	,8222	,9747	100	+,013	—0,02
900	4	—31 53 11,43	6,641	+9,9380	+9,2431	,8222	,9747	102	+,006	+0,03

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Anuual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
901	Can. Maj.	7	2	7 17 21,43	+2,370	—8,4026	+8,8567	+0,3747	+8,0880
902	52 Lyncis	6	4	17 22,68	4,570	,5379	,9904	,6599	—8,4222
903	s^3 Navis	6	4	18 24,77	2,298	,4198	,8670	,3613	+8,1377
904	s^4 ———	6.7	2	19 23,17	2,301	,4244	,8661	,3619	+8,1414
905	157 Monocer.	6	4	20 7,76	2,819	,3674	,8051	,4501	+7,6570
906	Geminor.	6	2	20 23,55	3,741	—8,4163	+8,8514	+0,5730	—8,0910
907	140 Navis	6.7	3	20 35,03	2,228	,4422	,8769	,3479	+8,1877
908	———	7	5	21 7,46	2,237	,4437	,8752	,3497	+8,1864
909	Lyncis	6.7	3	21 8,61	4,651	,5731	9,0031	,6675	—8,4676
910	Navis	7	1	22 7,25	2,380	,4269	8,8526	,3766	+8,1097
911	145 Navis	6.7	3	22 31,09	2,300	—8,4410	+8,8644	+0,3617	+8,1595
912	147 ———	6.7	4	22 43,00	2,314	,4403	,8624	,3644	+8,1538
913	y^1 ———	6	3	23 22,89	2,076	,4823	,9008	,3172	+8,2763
914	166 Geminor.	6.7	4	24 0,13	3,425	,3966	,8109	,5347	—7,8361
915	k^3 Navis	5.6	4	24 17,78	2,330	,4458	,8590	,3674	+8,1530
916	154 Camelopar.	7	3	25 44,42	5,214	—8,6886	+9,0924	+0,7172	—8,6257
917	Can. Min.	6.7	1	26 13,52	3,148	,3911	8,7931	,4980	—7,1989
918	59 Lyncis	7	3	27 8,49	5,011	,6645	9,0606	,6999	—8,5903
919	*g* Navis	6.7	3	27 41,10	2,470	,4423	8,8366	,3927	+8,0805
920	o^1 Teles. Hers.	6	4	27 42,73	3,948	,4862	8,8798	,5964	—8,2491
921	*z* Navis	6	4	27 53,10	2,168	—8,4895	+8,8831	+0,3361	+8,2587
922	174 Geminor.	6.7	4	27 53,66	3,501	,4234	8,8159	,5442	—7,9419
923	176 ———	6.7	3	28 14,75	3,638	,4417	8,8324	,5609	—8,0659
924	o^2 Tel. Hers.	6	4	28 23,04	3,932	,4869	8,8768	,5946	—8,2447
925	153 Camelopar.	7	5	28 36,94	10,570	9,1945	9,5790	1,0241	—9,1886
926	58 Lyncis	6.7	3	28 59,48	4,466	—8,5815	+8,9689	+0,6499	—8,4559
927	*h* ———	7	3	29 0,43	5,132	,6932	9,0792	,7103	—8,6266
928	181 Geminor.	6	4	29 13,32	3,633	,4456	8,8312	,5603	—8,0647
929	S Camelopar.	6.7	2	30 49,42	5,813	,8004	9,1764	,7644	—8,7605
930	*f* Navis	6	3	31 15,71	2,218	,4977	8,8730	,3460	+8,2521
931	31 Can. Min.	7	6	31 21,03	3,189	—8,4158	+8,7904	+0,5036	—7,4051
932	*x* Camelpar.	6.7	6	31 27,73	5,505	,7617	9,1342	,7408	—8,7124
933	159 ———	6.7	3	31 32,92	4,576	,6147	8,9872	,6605	—8,5040
934	*κ* Navis	6.7	2	32 4,07	2,457	,4649	8,8357	,3904	+8,1134
935	61 Lyncis	6.7	3	32 7,91	4,262	,5624	8,9318	,6296	—8,4055
936	Camelopar.	7.8		32	10,221	—9,1933	+9,5588	+1,0095	—9,1879
937	188 Geminor.	6	2	32 36,66	3,371	8,4321	8,8001	0,5278	—7,8112
938	*e* Navis	6.7	2	32 45,39	2,171	,5124	,8800	,3367	+8,2830
939	d^1 ———	6	4	33 38,65	2,113	,5268	,8895	,3249	+8,3155
940	d^3 ———	6	3	33 54,09	2,119	,5270	,8883	,3261	+8,3140
941	Navis	6	4	33 58,77	2,115	—8,5280	+8,8890	+0,3253	+8,3162
942	d^2 ———	6	3	34 4,88	2,138	,5243	,8849	,3300	+8,3057
943	186 ———	6.7	4	35 27,98	2,108	,5363	,8894	,3240	+8,3271
944	———	7.8	2	36 9,92	2,110	,5390	,8887	,3243	+8,3298
945	*π* Geminor.	6	4	36 51,15	3,883	,5187	,8641	,5892	—8,2640

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						*s.*	″
901	4	—28 58 21,03	— 6,647	+9,9227	+9,2060	—0,8226	—9,9747	103	+,007	+0,03
902	4	+50 0 11,76	6,668	—9,6464	—9,4063	,8240	,9745	95	—,002	—0,18
903	4	—31 29 20,51	6,740	+9,9355	+9,2446	,8287	,9739	108	+,014	+0,01
904	4	—31 24 53,08	6,817	+9,9345	+9,2487	,8336	,9733	113	+,024	+0,04
905	4	—11 13 40,04	6,872	+9,7846	+8,8247	,8371	,9728	116	+,051	—0,05
906	4	+28 14 57,85	6,910	—8,7924	—9,2122	—0,8395	—9,9725	114	+,005	+0,29
907	4	—33 48 43,01	6,916	+9,9460	+9,2833	,8398	,9725	119	+,019	+0,05
908	4	—33 33 29,84	6,959	+9,9445	+9,2832	,8426	,9721	121	+,008	+0,07
909	4	+51 39 28,77	6,981	—9,6684	—9,4364	,8139	,9719	115	+,033	—0,03
910	4	—28 46 56,43	7,041	+9,9196	+9,2285	,8476	,9714	123	+,017	+0,01
911	4	—31 30 47,05	7,074	+9,9340	+9,2662	—0,8497	—9,9711	124	+,007	—0,11
912	4	—31 7 13,13	7,093	+9,9320	+9,2624	,8508	,9709	125	+,003	—0,02
913	4	—38 28 27,63	7,145	+9,9643	+9,3460	,8540	,9705	130	+,005	+0,14
914	4	+15 59 14,11	7,205	+9,2041	—8,9951	,8576	,9700	129	+,015	+0,01
915	4	—30 37 13,88	7,221	+9,9284	+9,2638	,8586	,9698	137	—,010	—0,09
916	4	+59 55 29,11	7,357	—9,7686	—9,5019	—0,8667	—9,9686	133	+,004	—0,06
917		+ 3 41	7,384	+9,5717	—8,3741	,8683	,9683	141	+,005	
918	4	+57 26 59,64	7,470	—9,7388	—9,4972	,8734	,9675	140	+,019	+0,02
919	4	—25 45 37,03	7,497	+9,8998	+9,2111	,8749	,9673	154	+,004	—0,14
920	4	+35 24 31,77	7,508	—9,2624	—9,3364	,8755	,9672	145	+,024	—0,04
921	4	—35 59 1,43	7,508	+9,9523	+9,3428	—0,8755	—9,9672	157	+,025	—0,01
922	4	+19 16 59,31	7,524	+9,0170	—9,0930	,8765	,9670	146	+,005	—0,08
923	4	+24 43 21,49	7,551	+7,8451	—9,1974	,8780	,9668	153	+,005	—0,07
924	4	+31 57 13,96	7,562	—9,2405	—9,3345	,8787	,9667	152	+,008	—0,29
925	4	+80 39 36,50	7,643	—9,9248	—9,5755	,8833	,9659	132	—,213	+0,09
926	4	+48 30 28,35	7,600	—9,6075	—9,4533	—0,8808	—9,9663	156	—,006	—0,15
927	4	+59 5 11,44	7,622	—9,7559	—9,5135	,8821	,9661	151	+,008	—0,08
928	4	+24 35 20,56	7,627	+8,0000	—9,1995	,8824	,9660	161	+,001	—0,04
929	2	+65 50 19,56	7,772	—9,8215	—9,5487	,8906	,9646	164	—,015	+0,04
930	4	—34 36 7,43	7,783	+9,9445	+9,3436	,8912	,9645	172	+,001	—0,02
931	3	+ 5 36 18,02	7,794	+9,5340	—8,5792	—0,8918	—9,9644	170	+,007	—0,06
932	4	+63 13 6,07	7,826	—9,7966	—9,5423	,8936	,9641	167	+,009	0,00
933	4	+50 48 53,94	7,826	—9,6425	—9,4808	,8936	,9641	169	+,010	—0,05
934	2	—26 25 51,12	7,853	+9,9025	+9,2416	,8950	,9638	175	+,003	+0,04
935	4	+44 10 32,65	7,874	—9,5185	—9,4373	,8962	,9636	171	—,007	—0,16
936	4	+80 16 18,05	7,933	—9,9201	—9,5912	—0,8995	—9,9630	155		—0,02
937	4	+13 51 35,11	7,896	+9,3032	—8,9745	,8974	,9634	176	+,009	—0,05
938	4	—36 7 26,94	7,901	+9,9504	+9,3663	,8977	,9633	180	+,018	+0,03
939	4	—37 55 56,90	7,976	+9,9571	+9,3885	,9018	,9626	185	+,002	—0,01
940	4	—37 45 45,54	7,998	+9,9566	+9,3880	,9030	,9623	186	+,004	+0,17
941	4	—37 53 0,80	8,003	+9,9571	+9,3895	—0,9033	—9,9623	188	+,021	—0,01
942	4	—37 12 7,13	8,008	+9,9542	+9,3830	,9035	,9622	190	—,003	+0,04
943	8	—38 9 5,39	8,126	+9,9571	+9,3988	,9099	,9610	193	—,005	0,00
944		—38 8	8,179	+9,9566	+9,4015	,9127	,9604	197	+,016	
945	4	+33 48 49,25	8,248	— 8,7243	—9,3597	,9164	,9598	196	+,014	+0,01

No.	Star's Name and Mag.	No. Obs.	Right Ascension. Jan. 1, 1831.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
946	191 Navis 7	6	7 37 9,97	+2,194	—8,5291	+8,8737	+0,3412	+8,2948
947	T —— 5.6	4	37 51,29	1,863	,5903	8,9316	,2702	+8,4378
948	195 —— 6.7	4	37 52,53	2,130	,5433	8,8843	,3284	+8,3292
949	62 Lyncis 6.7	4	38 3,69	4,773	,6797	9,0190	,6788	—8,5906
950	W Navis 6.7	3	38 4,88	2,029	,5616	8,9019	,3073	+8,3745
951	198 Navis 6.7	5	38 8,09	2,195	—8,5333	+8,8729	+0,3414	+8,2992
952	V Camelopar. 6	3	38 28,94	9,886	9,2042	9,5385	,9950	—9,1974
953	55 Off. Typ. 6	7	40 13,15	2,815	8,4610	8,7900	,4495	+7,7717
954	——		40	2,815	8,4629	8,7897	,4495	+7,7742
955	63 Lyncis 7	4	41 6,15	4,801	8,6986	9,0227	,6813	—8,6127
956	216 Navis 6.7	4	41 34,65	2,122	—8,5609	+8,8837	+0,3267	+8,3512
957	217 —— 6.7	3	42 8,17	2,517	,4996	8,8204	,4009	+8,1181
958	222 —— 6.7	4	42 15,92	2,337	,5274	8,8470	,3687	+8,2420
959	64 Lyncis 6.7	3	42 27,69	4,396	,6339	8,9515	,6431	—8,5036
960	223 Navis 6.7	4	42 32,50	1,812	,6203	8,9386	,2582	+8,4787
961	*i* Lyncis 6	5	42 40,07	4,404	—8,6362	+8,9528	+0,6438	—8,5071
962	*z* —— 7	3	43 2,00	4,914	,7263	9,0410	,6914	—8,6495
963	226 Navis 6.7	3	43 6,22	2,230	,5487	8,8641	,3483	+8,3057
964	210 Geminor. 6.7	3	43 12,73	3,572	,4988	8,8132	,5529	—8,0862
965	E Off. Typ. 6.7	4	43 57,80	2,804	,4768	8,7877	,4478	+7,8093
966	Off. Typ. 6	1	44 48,76	2,781	—8,4819	+8,7886	+0,4442	+7,8485
967	242 Navis 6	4	46 6,75	2,252	,5575	8,8585	,3526	+8,3086
968	*a* —— 5.6	4	46 32,65	2,060	,5930	8,8918	,3139	+8,4026
969	246 —— 6	3	46 59,82	2,203	,5697	8,8663	,3430	+8,3384
970	169 Camelopar. 6	4	47 33,40	5,194	,7920	9,0848	,7155	—8,7327
971	50 Can. Min. 6.7	4	47 41,04	3,170	—8,4823	+8,7754	+0,5011	—7,4138
972	*q* Urs. Maj. 7	4	47 57,76	5,251	,8026	9,0936	,7202	—8,7462
973	249 Navis 6	3	48 4,17	2,220	,5708	8,8627	,3463	+8,3344
974	Camelopar. 7.8	3	48 19,58	5,199	,7960	9,0855	,7159	—8,7372
975	251 Navis 6.7	5	48 27,99	2,253	,5671	8,8568	,3528	+8,3195
976	52 Can. Min. 6.7	3	49 13,86	3,227	—8,4902	+8,7762	+0,5088	—7,6135
977	Navis 6.7	3	50 25,14	1,950	,6315	8,9095	,2900	+8,4686
978	Cancri 7	4	51 10,19	3,467	,5171	8,7939	,5399	—8,0227
979	*o* Monocer. 6.7	4	51 29,31	3,001	,4953	8,7708	,4773	+7,2488
980	Camelopar. 7	4	51 38,17	4,972	,7741	9,0482	,6965	—8,7036
981	74 Lyncis 7.8	3	51 39,63	4,812	—8,7474	+9,0215	+0,6823	—8,6657
982	N Navis 6	4	51 57,87	1,942	,6367	8,9105	,2882	+8,4760
983	O —— 6	3	52 41,80	1,884	,6502	8,9206	,2751	+8,5009
984	267 —— 6	4	53 39,12	2,122	,6104	8,8766	,3267	+8,4079
985	Urs. Maj. 7.8	3	54 2,12	5,717	,8969	9,1600	,7572	—8,8580
986	15 Cancri 6.7	4	54 5,53	3,554	—8,5382	+8,8019	+0,5507	—8,1213
987	—— 6.7	3	54 13,24	3,283	,5114	,7745	,5163	—7,7672
988	84 Lyncis 6.7	3	55 42,64	4,185	,6507	,9067	,6217	—8,4902
989	Cancri 7.8	4	55 53,64	3,449	,5321	,7875	,5377	—8,0226
990	19 —— 6.7	4	56 19,96	3,358	,5243	,7782	,5261	—7,9070

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P.M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s.*	″
946	4	—35 39 44,41	— 8,259	+9,9464	+9,3807	—0,9169	—9,9596	203	+,021	—0,07
947	3	—44 45 29,97	8,312	+9,9773	+9,4653	,9197	,9590	211	+,016	—0,59
948	4	—37 48 39,38	8,317	+9,9542	+9,4039	,9199	,9589	208	+,021	+0,05
949	4	+54 31 50,26	8,344	—9,6891	—9,5302	,9214	,9587	199	,000	—0,07
950	4	—40 32 4,69	8,328	+9,9643	+9,4314	,9205	,9589	213	+,010	—0,33
951	3	—35 40 27,03	8,338	+9,9460	+9,3850	—0,9211	—9,9587	212	+,007	+0,04
952	4	+79 54 41,44	8,423	—9,9122	—9,6167	,9255	,9578	187	—,013	—0,14
953	7	—11 47 33,28	8,508	+9,7853	+8,9385	,9298	,9569	217	+,002	+0,02
954		—11 48	8,545	+9,7853	+8,9410	,9317	,9564	219		
955	4	+55 8 1,45	8,587	—9,6928	—9,5459	,9338	,9560	216	+,009	+0,24
956	4	—38 6 21,89	8,608	+9,9538	+9,4232	—0,9349	—9,9557	225	+,011	0,00
957		—24 33	8,639	+9,8865	+9,2531	,9365	,9554	226	—,065	
958	4	—31 12 32,27	8,660	+9,9232	+9,3501	,9375	,9551	231	+,008	+0,13
959	4	+47 48 16,36	8,692	—9,5752	—9,5068	,9391	,9548	221	+,001	—0,03
960	4	—46 12 6,10	8,681	+9,9782	+9,4950	,9386	,9549	235	+,004	—0,05
961	4	+47 59 1,76	8,708	—9,5786	—9,5089	—0,9399	—9,9546	222	,000	—0,07
962	4	+56 55 46,37	8,739	—9,7135	—9,5627	,9415	,9542	223	—,025	+0,07
963	3	—34 50 3,10	8,729	+9,9395	+9,3959	,9410	,9543	237	+,005	—0,14
964	4	+22 45 13,43	8,744	+8,7160	—9,2271	,9417	,9542	232	+,006	+0,05
965	4	—12 24 8,20	8,802	+9,7903	+8,9751	,9446	,9535	239	+,006	+0,01
966	4	—13 27 52,54	8,870	+9,8000	+9,0125	—0,9479	—9,9527	240	+,011	—0,21
967	4	—34 17 42,93	8,964	+9,9360	+9,4016	,9525	,9515	250	+,009	+0,16
968	4	—40 9 17,83	9,001	+9,9581	+9,4619	,9543	,9511	253	—,002	—0,13
969	4	—35 56 22,23	9,037	+9,9420	+9,4227	,9560	,9507	256	+,003	—0,10
970	4	+60 45 57,34	9,100	—9,7521	—9,5978	,9590	,9499	248	+,104	—0,10
971	4	+ 4 54 56,72	9,094	+9,5515	—8,5883	—0,9588	—9,9499	257	+,006	—0,19
972	4	+61 26 6,63	9,132	—9,7589	—9,6021	,9605	,9495	251	+,001	+0,08
973	4	—35 26 57,98	9,115	+9,9395	+9,4214	,9598	,9497	259	+,005	—0,09
974	3	+60 51 40,79	9,156	—9,7528	—9,6009	,9617	,9492	252	+,015	0,00
975	4	—34 24 55,63	9,151	+9,9350	+9,4119	,9615	,9492	262	+,011	+0,03
976	4	+ 7 39 14,96	9,213	+9,4941	—8,7857	—0,9644	—9,9485	263	+,009	—0,25
977	4	—43 24 32,99	9,348	+9,9652	+9,5059	,9707	,9467	274	+,002	—0,07
978	4	+18 41 29,28	9,368	+9,1072	—9,1753	,9717	,9465	273	+,015	+0,04
979	4	— 3 14 5,19	9,389	+9,6839	+8,4242	,9726	,9462	278	,000	+0,03
980	4	+58 13 50,64	9,414	—9,7168	—9,6012	,9738	,9459	269	—,108	—0,14
981	4	+55 56 17,88	9,415	—9,6884	—9,5901	—0,9738	—9,9459	271	+,003	—0,08
982	4	—43 40 6,16	9,420	+9,9657	+9,5113	,9741	,9458	283	—,002	+0,01
983	4	—45 8 13,80	9,476	+9,9689	+9,5253	,9767	,9451	288	+,036	—0,14
984	4	—38 50 50,37	9,548	+9,9494	+9,4754	,9799	,9441	292	+,024	0,00
985	4	+66 7 45,75	9,600	—9,7973	—9,6414	,9823	,9434	282	+,018	—0,05
986	4	+22 31 40,22	9,589	+8,8129	—9,2630	—0,9818	—9,9436	290	+,006	+0,06
987	4	+10 23 51,18	9,600	+9,4297	—8,9361	,9823	,9434	291	+,006	—0,15
988	4	+43 43 36,26	9,723	—9,4639	—9,5253	,9878	,9417	293	+,002	+0,03
989	4	+18 5 0,20	9,732	+9,1523	—9,1778	,9882	,9416	295	+,012	—0,02
990	4	+13 58 2,57	9,758	+9,3222	—9,0700	,9894	,9413	297	—,012	—0,05

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
991	274 Navis 6.7	3	7 56 38,06	+2,338	—8,5839	+8,8366	+0,3688	+8,3085
992	Cancri 7	4	56 48,99	3,561	,5488	,8003	,5516	—8,1392
993	Navis 8.9	1	57 7,83	2,659	,5394	,7894	,4247	+8,0593
994	81 Off. Typ. 7	6	57 21,98	2,661	,5400	,7891	,4250	+8,0588
995	280 Navis 6	4	57 50,45	2,335	,5889	,8363	,3683	+8,3160
996	24 Cancri 6.7	3	7 58 43,49	3,683	—8,5734	+8,8163	+0,5662	—8,2440
997	Lyncis 6.7	4	8 0 8,25	4,848	,7885	9,0247	,6856	—8,7121
998	$^1\psi$ Cancri 6.7	3	0 14,14	3,639	,5721	8,8083	,5609	—8,2185
999	86 Off. Typ. 7	4	0 19,90	2,800	,5360	,7722	,4472	+7,8897
1000	ψ^2 Cancri. 7	2	0 30,13	3,631	,5718	,8068	,5600	—8,2133
1001	28 Cancri 6.7	4	0 35,51	3,431	—8,5462	+8,7810	+0,5354	—8,0235
1002	ν Lyncis 6.7	4	0 38,42	4,839	,7893	9,0232	,6848	—8,7125
1003	91 ——— 6.7	3	1 17,13	3,815	,6043	8,8359	,5815	—8,3400
1004	177 Camelop. 6.7	4	1 52,28	5,132	,8426	9,0713	,7103	—8,7838
1005	31 Cancri 6.7	4	2 16,53	3,277	,5381	8,7657	,5155	—7,7898
1006	*l* Lyncis 6.7	3	4 4,60	5,053	—8,8391	+9,0580	+0,7035	—8,7769
1007	K^1 Navis 7	4	4 12,35	2,032	,6669	8,8867	,3079	+8,4938
1008	9 Ursæ Maj. 7	3	4 49,38	5,895	,9667	9,1822	,7705	—8,9339
1009	178 Camelop. 6.7	3	4 51,67	5,307	,8824	9,0982	,7248	—8,8322
1010	*i* Navis 6.7	4	4 56,09	2,213	,6359	8,8523	,3450	+8,4135
1011	h^1 Navis 6	3	5 28,22	2,139	—8,6512	+8,8655	+0,3300	+8,4514
1012	——— 7	3	6 34,29	2,011	,6795	8,8891	,3034	+8,5126
1013	——— 7.8	4	6 44,13	2,367	,6150	8,8237	,3742	+8,3353
1014	*w* Lyncis 6.7	4	7 3,50	4,901	,8251	9,0316	,6903	—8,7546
1015	319 Navis 6.7	4	7 39,87	2,369	,6174	8,8225	,3746	+8,3374
1016	h^2 Navis 6	3	8 11,58	2,123	—8,6639	+8,8667	+0,3269	+8,4706
1017	43 Cancri 6.7	4	8 35,21	3,254	,5565	8,7571	,5124	—7,7673
1018	12 Ursæ Maj. 6.7	4	8 48,18	5,118	,8682	9,0674	,7091	—8,8107
1019	323 Navis 6	3	9 6,17	1,925	,7051	8,9040	,2844	+8,5572
1020	103 Off. Typ. 7	3	11 0,29	2,787	,5709	8,7617	,4451	+7,9566
1021	E^2 Hydræ 6	4	11 9,25	3,155	—8,5594	+8,7496	+0,4990	—7,4492
1022	*t* Lyncis 6	4	11 16,18	4,597	,7870	8,9759	,6625	—8,6935
1023	7 Hydræ 7	1	13 37,08	3,121	,5659	8,7456	,4943	—7,2308
1024	13 Ursæ Maj. 6.7	4	14 6,12	5,796	,9905	9,1673	,7631	—8,9571
1025	*w* Navis 5.6	6	14 53,60	2,359	,6430	8,8178	,3727	+8,3736
1026	Cancri 6.7	3	15 21,71	3,422	—8,5914	+8,7640	+0,5355	—8,0743
1027	14 Ursæ Maj. 6	4	16 26,88	6,079	9,0369	9,2041	,7838	—9,0095
1028	16 ——— 7	3	17 28,47	5,771	9,0003	9,1632	,7612	—8,9670
1029	Lyncis 6.7	5	18 57,70	4,559	8,8077	8,9654	,6589	—8,7137
1030	A Ursæ Maj. 6	4	19 44,00	5,489	8,9684	9,1223	,6617	—8,9280
1031	72 Cancri 7	2	19 52,16	3,575	—8,6252	+8,7794	+0,5533	—8,2492
1032	73 Cancri 7	4	19 54,44	3,619	,6321	,7861	,5586	—8,2852
1033	354 Navis 6	3	20 5,73	2,096	,7094	,8633	,3214	+8,5316
1034	19 Ursæ Maj. 6.7	4	20 7,87	4,553	,8109	,9638	,6583	—8,7169
1035	13 Hydræ 6.7	4	21 5,87	3,060	,5861	,7855	,4857	

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″							
991	4	−32 0 18,00	− 9,778	+9,9196	+9,4129	−0,9903	−9,9410	301	+,015	−0,05
992	4	+22 55 27,83	9,798	+8,7782	−9,2796	,9912	,9407	299	−,022	−0,07
993		−19 18	9,824	+9,8439	+9,2102	,9923	,9403	302	−,011	
994	8	−19 15 53,71	9,839	+9,8439	+9,2098	,9930	,9401	303	+,013	−0,04
995	4	−32 12 43,86	9,870	+9,9196	+9,4194	,9943	,9397	305	+,016	−0,04
996	3	+27 57 14,40	9,946	−8,3802	−9,3663	−0,9976	−9,9386	307	,000	−0,05
997	4	+57 0 49,20	10,062	−9,6893	−9,6243	1,0027	,9369	309	,000	−0,03
998	4	+26 19 26,85	10,062	+7,7781	−9,3472	,0027	,9369	312	+,018	−0,01
999	4	−13 1 57,11	10,062	+9,7910	+9,0544	,0027	,9369	318	+,008	−0,05
1000	4	+26 2 9,46	10,082	+8,0414	−9,3432	,0036	,9367	314	−,003	+3,19
1001	4	+17 29 42,40	10,087	+9,1903	−9,1791	−1,0038	−9,9366	317	+,008	+0,03
1002	4	+56 56 19,50	10,102	−9,6875	−9,6256	,0044	,9364	311	−,029	+0,06
1003	4	+32 58 5,94	10,142	−9,0212	−9,4399	,0061	,9358	321	−,022	−0,69
1004	4	+60 52 14,59	10,193	−9,7332	−9,6475	,0083	,9350	319	−,010	+0,12
1005	4	+10 18 14,03	10,213	+9,4362	−8,9588	,0092	,9347	3	+,009	−0,15
1006	4	+60 4 0,08	10,363	−9,7202	−9,6512	−1,0155	−9,9325	7	+,011	−0,11
1007	4	−42 9 26,27	10,347	+9,9528	+9,5398	,0149	,9327	16	+,011	−0,03
1008	4	+68 1 50,29	10,423	−9,7993	−9,6832	,0180	,9315	8	−,012	+0,22
1009	4	+63 0 27,51	10,417	−9,7513	−9,6656	,0178	,9316	10	+,026	+0,03
1010	3	−36 48 19,92	10,408	+9,9340	+9,4930	,0174	,9318	17	+,010	−0,06
1011	4	−39 7 49,31	10,443	+9,9425	+9,5171	−1,0188	−9,9312	21	+,017	−0,05
1012	3	−42 54 30,25	10,527	+9,9528	+9,5534	,0223	,9299	27	+,026	+0,06
1013		−31 39	10,537	+9,9117	+9,4413	,0227	,9298	25	+,033	
1014	4	+58 14 54,43	10,582	−9,6928	−9,6521	,0246	,9291	19	−,011	−0,03
1015	8	−31 38 38,36	10,606	+9,9106	+9,4435	,0256	,9287	32	+,013	+0,06
1016	4	−39 50 54,06	10,646	+9,9425	+9,5319	−1,0272	−9,9280	35	+,016	−0,20
1017	4	+ 9 22 12,84	10,685	+9,4639	−8,9376	,0288	,9274	33	+,006	−0,10
1018	4	+61 8 40,90	10,713	−9,7251	−9,6703	,0298	,9270	30	−,001	−0,01
1019	3	−45 20 4,76	10,715	+9,9571	+9,5801	,0300	,9269	38	+,007	+0,04
1020	4	−14 3 19,36	10,857	+9,7959	+9,1194	,0357	,9246	45	+,093	+0,05
1021	4	+ 4 27 38,21	10,867	+9,5658	−8,6239	−1,0361	−9,9244	44	+,012	−0,07
1022	4	+53 44 35,36	10,892	−9,6232	−9,6416	,0371	,9240	40	+,001	−0,09
1023	4	+ 2 40 17,73	11,053	+9,5966	−8,4065	,0435	,9213	49	+,015	−0,08
1024	5	+67 49 46,14	11,106	−9,7832	−9,7102	,0456	,9204	46	+,009	−0,02
1025	4	−32 31 58,79	11,140	+9,9101	+9,4755	,0469	,9198	56	+,018	+0,02
1026	4	+17 42 53,87	11,179	+9,2068	−9,2293	−1,0484	−9,9191	54	+,007	−0,14
1027	4	+69 51 43,32	11,276	−9,7966	−9,7227	,0521	,9174	52	−,009	−0,14
1028	4	+67 50 21,68	11,352	−9,7774	−9,7198	,0551	,9160	58	+,016	−0,05
1029	4	+53 39 56,82	11,444	−9,6064	−9,6626	,0586	,9143	71	+,006	−0,11
1030	5	+65 41 54,21	11,511	−9,7536	−9,7188	,0611	,9131	75	+,029	−0,05
1031	3	+24 53 13,74	11,506	+8,6902	−9,3830	−1,0609	−9,9132	79	+,017	−0,19
1032	4	+26 44 13,25	11,511	+8,3010	−9,4122	,0611	,9131	80	+,006	+0,10
1033	4	−41 36 58,89	11,511	+9,9385	+9,5814	,0611	,9131	82	+,013	+0,08
1034	4	+53 39 56,34	11,530	−9,6042	−9,6659	,0618	,9127	78	+,006	−0,07
1035	4	− 0 24 58,36	11,592	+9,6434	+7,6238	,0641	,9116	83	−,005	−0,13

No.	Star's name and Mag.	No. Obs.	Right Ascension. Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
1036	77 Cancri 6.7	2	8 22 12,79	+3,453	—8,6150	+8,7596	+0,5382	—8,1392
1037	111 Lyncis 6	5	22 45,49	3,884	,6882	,8307	,5893	—8,4675
1038	v^4 Cancri 6.7	3	23 14,19	3,564	,6331	,7740	,5519	—8,2528
1039	D Lyncis 6.7	2	24 6,86	3,881	,6910	,8290	,5889	—8,4700
1040	362 Navis 6.7	4	24 22,77	1,958	,7510	,8879	,2918	+8,6065
1041	π^1 Ursæ Maj. 6.7	4	24 27,19	5,439	—8,9787	+9,1137	+0,7355	—8,9378
1042	84 Cancri 6.7	3	24 36,23	3,333	,6081	8,7434	,5228	—7,9856
1043	Lyncis 7	5	24 48,13	4,348	,7872	,9215	,6383	—8,6710
1044	87 Cancri 6.7	3	25 49,82	3,462	,6260	,7563	,5393	—8,1628
1045	88 ——— 7.8	4	26 14,97	3,465	,6276	,7562	,5397	—8,1681
1046	26 Ursæ Maj. 6.7	3	26 41,71	4,513	—8,8264	+8,9530	+0,6545	—8,7315
1047	90 Cancri 6.7	3	26 52,11	3,372	,6179	8,7444	,5279	—8,0547
1048	Ursæ Maj. 7.8	4	26 59,65	5,391	,9804	9,1054	,7317	—8,9386
1049	27 Ursæ Maj. 6	3	27 1,52	4,501	,8251	8,9503	,6533	—8,7290
1050	220 Monocer. 6	3	27 25,11	2,929	,6060	8,7305	,4667	+7,7179
1051	117 Lyncis 6.7	3	27 59,68	3,779	—8,6823	+8,8039	+0,5774	—8,4225
1052	94 Cancri 7	3	28 18,44	3,452	,6314	,7519	,5381	—8,1616
1053	e^2 ——— 7	3	29 8,70	3,258	,6137	,7311	,5129	—7,8591
1054	122 Lyncis 7	3	29 14,07	3,759	,6838	,8009	,5751	—8,4206
1055	E ——— 6	3	29 34,64	4,181	,7694	,8847	,6213	—8,6292
1056	*o* Cancri 7	3	30 13,40	3,460	—8,6376	+8,7505	+0,5391	—8,1786
1057	102 Cancri 7	3	30 53,76	3,457	,6390	,7493	,5387	—8,1778
1058	*c* ——— 6.7	3	31 14,22	3,456	,6399	,7489	,5386	—8,1798
1059	107 ——— 6.7	3	31 28,00	3,457	,6400	,7482	,5387	—8,1772
1060	Ursæ Maj. 7	3	31 42,25	4,298	,8003	,9072	,6333	—8,6809
1061	114 Cancri 7.8	4	33 45,00	3,422	—8,6417	+8,7410	+0,5343	—8,1480
1062	29 Ursæ Maj. 6.7	3	33 46,28	5,566	9,0322	9,1306	,7455	—8,9972
1063	——— 7	5	34 4,49	4,289	8,8059	8,9040	,6324	—8,6866
1064	382 Navis 6.7	3	34 16,35	2,201	,7329	,8307	,3426	+8,5382
1065	118 Cancri 6	4	35 13,18	3,700	,6898	,7835	,5682	—8,4052
1066	*r* Monocer. 5.6	3	35 33,86	2,947	—8,6252	+8,7176	+0,4694	+7,6890
1067	*d* Navis 6	1	38 29,94	2,139	,7583	,8399	,3302	+8,5845
1068	133 Cancri 7	3	39 35,17	3,307	,6432	,7199	,5194	—7,9996
1069	*b* Ursæ Maj. 6	4	39 42,16	5,038	,9686	9,0443	,7023	—8,9167
1070	135 Cancri 6.7	3	40 16,69	3,754	,7139	8,7881	,5745	—8,4600
1071	131 Lyncis 6	4	40 50,65	4,063	—8,7801	+8,8516	+0,6088	—8,6243
1072	*m* Cancri 7	4	41 56,15	3,371	,6554	,7231	,5278	—8,1113
1073	ι ——— 6	3	42 22,18	3,728	,7147	,7806	,5715	—8,4515
1074	*i* Ursæ Maj. 6	3	42 23,34	5,260	9,0155	9,0810	,7210	—8,9735
1075	ρ^1 Cancri 6.7	3	42 31,47	3,626	8,6958	8,7612	,5594	—8,3793
1076	242 Monocer. 6	3	43 27,83	2,951	—8,6430	+8,7051	+0,4700	+7,7024
1077	*g* Navis 6	3	44 5,58	2,070	,7898	,8496	,3160	+8,6371
1078	ι^2 Cancri 6	4	44 9,63	3,677	,7096	,7687	,5655	—8,4238
1079	*f* Navis 6	3	44 58,05	2,030	,8009	,8576	,3075	+8,6573
1080	157 Cancri 7.8	4	45 18,40	3,334	,6589	,7139	,5230	—8,0676

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						*s.*	″
1036	4	+19 32 16,72	—11,677	+9,4367	—9,2896	—1,0673	—9,9100	86	—,002	—0,07
1037	3	+36 59 22,32	11,715	—9,1492	—9,5461	,0687	,9092	87	—,002	—0,03
1038	4	+24 38 23,54	11,743	+8,7559	—9,3875	,0698	,9087	89	—,001	—0,07
1039	4	+36 58 48,25	11,795	—9,1430	—9,5187	,0717	,9077	92	+,013	+0,06
1040	4	—45 46 55,27	11,814	+9,9455	+9,6259	,0724	,9073	99	+,017	—0,03
1041	4	+65 34 52,94	11,847	—9,7435	—9,7308	—1,0736	—9,9067	90	—,001	+0,07
1042	4	+13 48 59,01	11,842	+9,3598	—9,1490	,0731	,9068	98	+,005	—0,04
1043	4	+49 56 12,11	11,861	—9,5289	—9,6559	,0741	,9064	93	+,002	—0,19
1044	4	+20 9 1,42	11,931	+9,1139	—9,3115	,0767	,9050	101	+,002	—0,17
1045	4	+20 20 0,88	11,960	+9,1072	—9,3163	,0777	,9044	104	—,009	—0,10
1046	4	+53 29 41,82	11,997	—9,5866	—9,6822	—1,0791	—9,9037	103	—,003	—0,05
1047	4	+15 52 44,75	11,997	+9,2967	—9,2139	,0791	,9037	106	+,009	—0,06
1048	4	+65 16 52,87	12,025	—9,7364	—9,7363	,0801	,9031	102	—,011	—0,15
1049	4	+53 16 56,44	12,021	—9,5809	—9,6818	,0799	,9032	105	—,002	+0,01
1050	6	— 7 25 7,48	12,034	+9,7267	+8,8903	,0804	,9029	109	—,010	0,00
1051	4	+33 22 18,16	12,086	—8,8808	—9,5205	—1,0823	—9,9019	110	—,009	—0,02
1052	4	+19 50 9,29	12,104	+9,1399	—9,3112	,0829	,9015	112	+,003	—0,02
1053	2	+10 8 41,02	12,160	+9,4579	—9,0283	,0849	,9003	116	+,006	—0,16
1054	4	+33 5 22,48	12,165	—9,8451	—9,5200	,0851	,9002	113	—,010	—0,07
1055	4	+46 24 24,57	12,197	—9,4393	—9,6440	,0863	,8996	115	—,001	+0,19
1056	4	+20 21 12,84	12,239	+9,1206	—9,3266	—1,0877	—9,8987	122	+,006	—0,06
1057	2	+20 14 48,82	12,285	+9,1271	—9,3263	,0894	,8977	129	+,021	—0,07
1058	4	+20 17 50,01	12,308	+9,1238	—9,3281	,0902	,8972	132	+,010	+0,01
1059	1	+20 9 30,73	12,321	+9,1335	—9,3258	,0907	,8969	134	+,002	—0,17
1060	3	+49 26 49,31	12,344	—9,4997	—9,6701	,0915	,8964	131	+,009	—0,34
1061	3	+18 44 11,43	12,478	+9,2041	—9,3005	—1,0961	—9,8935	143	+,009	+0,03
1062	4	+67 18 17,02	12,495	—9,7435	—9,7598	,0968	,8931	137	+,004	+0,02
1063	4	+49 28 4,50	12,500	—9,4941	—9,6757	,0969	,8930	141	+,015	—0,10
1064	4	—39 40 58,60	12,505	+9,9206	+9,6004	,0971	,8929	148	+,040	—0,15
1065	4	+31 17 24,64	12,577	—8,5185	—9,5130	,0996	,8913	149	+,011	+0,05
1066	4	— 6 38 38,48	12,600	+9,7168	+8,8621	—1,1004	—9,8908	152	+,005	0,00
1067	4	—12 3 18,66	12,790	+9,9232	+9,6311	,1069	,8865	168	—,022	—0,03
1068	4	+13 8 59,70	12,875	+9,3962	—9,1642	,1097	,8845	170	+,014	—0,05
1069	4	+62 34 18,91	12,893	—9,6803	—9,7165	,1103	,8840	165	—,008	+0,06
1070	3	+33 53 45,20	12,920	—8,8129	—9,5553	,1112	,8834	173	+,019	—0,06
1071	4	+44 20 2,56	12,964	—9,3463	—9,6550	—1,1127	—9,8823	175	+,009	—0,09
1072	4	+16 36 36,61	13,031	+9,2988	—9,2689	,1150	,8808	183	+,005	+0,02
1073	4	+33 5 12,00	13,061	—8,6990	—9,5509	,1160	,8800	184	+,011	—0,01
1074	4	+65 13 33,97	13,070	—9,7041	—9,7723	,1163	,8798	178	+,001	—0,22
1075	3	+28 52 21,56	13,070	+8,1461	—9,4978	,1163	,8798	185	—,024	—0,10
1076	6	— 6 33 47,86	13,128	+9,7143	+8,8756	—1,1182	—9,8783	189	+,008	+0,04
1077	4	—44 41 50,09	13,167	+9,9232	+9,6648	,1195	,8773	198	+,003	—0,07
1078	4	+31 11 57,96	13,181	—8,2787	—9,5321	,1199	,8770	192	+,013	+0,04
1079	4	—45 54 53,72	13,220	+9,9253	+9,6757	,1212	,8760	205	+,033	—0,06
1080	4	+14 51 46,34	13,251	+9,3579	—9,2290	,1222	,8752	203	+,004	—0,16

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
1081	Lyncis 7	3	8 45 19,17	+4,119	—8,8056	+8,8600	+0,6148	—8,6652
1082	*s* ——— 6	3	45 37,67	4,113	,8051	,8585	,6142	—8,6637
1083	162 Cancri 7	3	46 30,42	3,331	,6614	,7117	,5226	—8,0682
1084	σ^2 ——— 6	5	46 44,67	3,728	,7263	,7757	,5715	—8,4684
1085	246 Monocer. 6	3	47 24,39	2,939	,6522	,6993	,4682	+7,7601
1086	*ρ* Urs. Maj. 6	3	47 32,91	5,557	—9,0806	+9,1261	+0,7148	—9,0485
1087	169 Cancri 7	3	47 51,19	3,386	8,6709	8,7159	,5297	—8,1550
1088	167 ——— 6	3	47 56,24	3,660	,7162	,7608	,5635	—8,4262
1089	σ^3 ——— 5.6	4	49 23,61	3,709	,7295	,7687	,5693	—8,4660
1090	*n* Lyncis 5.6	2	49 54,10	3,967	,7858	,8230	,5985	—8,6148
1091	177 Cancri 6.7	3	50 22,12	3,308	—8,6674	+8,7030	+0,5196	—8,0418
1092	250 Monocer. 6	4	50 59,43	2,795	,6722	,7056	,4464	+8,1000
1093	σ^4 Cancri 6	3	51 16,04	3,701	,7325	,7647	,5683	—8,4670
1094	ρ^5 ——— 6.7	4	51 57,71	3,599	,7145	,7438	,5563	—8,3936
1095	*p* ——— 7	5	52 27,51	3,379	,6802	,7078	,5288	—8,1632
1096	65 Hydræ 6.7	5	52 48,52	3,175	—8,6623	+8,6889	+0,5017	—7,7004
1097	σ^1 Urs. Maj. 6	3	53 47,88	5,407	9,0797	9,1015	,7330	—9,0454
1098	428 Navis 6	4	53 56,21	2,237	8,7817	8,8042	,3497	+8,5954
1099	189 Cancri 7	3	55 38,68	3,263	8,6743	8,6897	,5136	—7,9734
1110	σ^2 Urs. Maj. 6	3	55 46,06	5,419	9,0884	9,1029	,7339	—9,0549
1111	191 Cancri 7	3	56 29,44	3,380	—8,6891	+8,7012	+0,5289	—8,1799
1112	*f* Urs. Maj. 6	4	57 11,16	4,301	8,8818	8,8911	,6336	—8,7798
1113	195 Cancri 7	3	57 11,77	3,340	8,6854	8,6952	,5237	—8,1235
1114	τ Urs. Maj. 5.6	4	57 13,66	5,039	9,0297	9,0385	,7023	—8,9840
1115	Cancri 7	4	57 35,94	3,338	8,6861	8,6942	,5235	—8,1220
1116	τ Cancri 6	3	58 4,81	3,624	—8,7340	+8,7403	+0,5592	—8,4369
1117	——— 6	4	58 42,33	3,721	,7557	,7595	,5707	—8,5092
1118	L^1 Hydræ 6	3	9 0 37,81	2,937	,6791	,6760	,4679	+7,8190
1119	209 Cancri 6.7	3	0 47,83	3,272	,6854	,6813	,5148	—8,0109
1110	*c* Urs. Maj. 6	3	1 13,72	4,838	9,0061	,9998	,6847	—8,9524
1111	211 Cancri 6.7	3	2 40,27	3,384	—8,7024	+8,6913	+0,5294	—8,2084
1112	*o* Lyncis 6	4	2 58,94	3,964	,8217	,8093	,5981	—8,6626
1113	B Urs. Maj. 6	4	3 32,84	4,520	,9492	,9345	,6551	—8,8747
1114	Hydræ 7	3	3 42,06	2,965	,6832	,6686	,4720	+7,7247
1115	150 Lyncis 6	4	5 4,34	3,721	,7716	,7512	,5707	—8,5334
1116	445 Navis 6	3	5 5,65	2,170	—8,8276	+8,8078	+0,3365	+8,6709
1117	59 Urs. Maj. 6	4	6 24,62	4,068	,8560	,8304	,6094	—8,7235
1118	Hydræ 7	5	6 48,10	2,935	,6906	,6641	,4676	+7,8386
1119	60 Urs. Maj. 7	3	7 47,52	4,675	,9956	,9645	,6698	—8,9352
1120	*z* Navis 6.7	3	8 15,62	2,233	,8216	,7897	,3489	+8,6519
1121	k^1 Navis 6	4	8 22,73	2,384	—8,7865	+8,7538	+0,3773	+8,5654
1122	63 Urs. Maj. 6.7	3	8 50,71	4,276	,9120	,8771	,6310	—8,8151
1123	k^2 Navis 6	3	9 9,34	2,392	,7866	,7512	,3788	+8,5635
1124	64 Urs. Maj. 6.7	4	9 13,94	4,223	,9007	,8646	,6256	—8,7969
1125	M^1 Hydræ 7	2	9 32,73	2,887	,6997	,6625	,4604	+7,9918

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s.*	″
1081	4	+46 23 16,57	—13,260	—9,3856	—9,6801	—1,1225	—9,8750	199	+,002	—0,03
1082	4	+46 15 33,19	13,276	—9,3820	—9,6797	,1231	,8745	202	—,014	+0,10
1083	4	+ 14 48 20,46	13,330	+9,3598	—9,2296	,1248	,8732	208	+,003	—0,11
1084	4	+33 32 24,25	13,347	—8,6990	—9,5655	,1254	,8728	209	-,002	—0,01
1085	4	— 7 20 39,41	13,386	+9,7202	+8,9327	,1267	,8718	214	+,013	—0,02
1086	4	+68 15 52,09	13,411	—9,7235	—9,7934	—1,1275	—9,8711	207	—,006	+0,02
1087	4	+ 17 46 24,08	13,420	+9,2718	,3099	,1278	,8709	217	—,009	—0,06
1088	4	+30 51 44,67	13,429	—7,9031	,5360	,1280	,8673	216	+,008	+0,05
1089	4	+33 3 13,42	13,520	—8,5798	,5655	,1310	,8682	221	+,002	—0,05
1090	4	+42 25 51,87	13,554	—9,2480	,6591	,1321	,8673	223	—,039	—0,22
1091	4	+13 42 34,79	13,580	+9,3944	—9,2054	—1,1329	—9,8666	225	+,012	—0,15
1092	4	—15 30 28,95	13,619	+9,7889	+9,2600	,1341	,8655	227	+,032	+0,06
1093	4	+32 53 28,44	13,640	—8,5185	—9,5674	,1348	,8650	226	+,011	—0,02
1094	4	+28 32 50,15	13,686	+8,5051	—9,5134	,1363	,8637	229	—,002	—0,13
1095	4	+17 43 22,37	13,717	+9,2810	—9,3182	,1372	,8629	231	+,003	—0,08
1096	4	+ 6 17 1,20	13,734	+9,5453	—8,8739	—1,1378	—9,8624	233	+,016	—0,01
1097	4	+67 31 41,60	13,814	—9,7016	—9,8040	,1403	,8601	232	+,003	—0,06
1098	4	—40 36 54,23	13,801	+9,9047	+9,6517	,1399	,8604	242	—,007	—0,13
1099	4	+11 30 7,16	13,916	+9,4502	—9,1407	,1436	,8571	244	+,015	—0,05
1100	4	+67 47 46,87	13,936	—9,6998	—9,8087	,1441	,8566	241	+,006	—0,01
1101	4	+18 2 35,11	13,974	+9,2810	—9,3341	—1,1453	—9,8555	248	—,011	0,00
1102	4	+52 15 37,83	14,020	—9,4757	9,7428	,1467	,8541	249	—,011	—0,43
1103	4	+ 15 55 49,04	14,011	+9,3144	9,2826	,1465	,8544	250	+,009	—0,03
1104	4	+64 10 36,78	14,028	—9,6571	9,7993	,1470	,8539	247	+,014	—0,14
1105	4	+15 52 27,56	14,040	+9,3483	9,2813	,1474	,8535	252	+,010	—0,09
1106	4	+30 18 41,37	14,070	+8,2041	—9,5492	—1,1483	—9,8526	253	+,006	—0,08
1107	1	+34 32 48,49	14,111	—8,6532	—9,6011	,1496	,8514	254	+,002	—0,23
1108	4	— 7 55 32,88	14,222	+9,7218	+8,9909	,1530	,8480	264	+,016	—0,27
1109	4	+12 13 56,83	14,242	+9,4393	—9,1770	,1535	,8475	263	—,057	+0,01
1110	4	+62 5 48,09	14,275	—9,6201	—9,7989	,1546	,8463	261	+,016	+0,08
1111	3	+18 42 57,95	14,353	—9,2718	—9,3609	—1,1569	—9,8439	3	—,006	—0,05
1112	4	+43 53 33,27	14,373	—9,1304	—9,6964	,1576	,8432	2	+,005	+0,01
1113	4	+57 25 9,97	14,410	—9,5465	—9,7822	,1587	,8420	4	—,003	—0,04
1114	2	— 6 18 30,03	14,410	+9,7050	+8,8982	,1587	,8420	9	+,006	—0,07
1115	4	+35 18 28,71	14,503	—8,6532	—9,6213	,1615	,8390	14	+,024	—0,12
1116	4	—44 11 43,39	14,491	+9,8993	+9,7025	—1,1611	—9,8394	17	+,004	—0,12
1117	4	+47 29 58,24	14,584	—9,3284	—9,7294	,1639	,8363	19	—,004	+0,03
1118	4	— 8 4 37,91	14,599	+9,7210	+9,0104	,1643	,8358	24	+,008	—0,05
1119	4	+60 28 9,66	14,671	—9,5786	—9,8040	,1665	,8334	23	+,013	—0,06
1120	3	—42 32 47,65	14,683	+9,8921	+9,6951	,1668	,8330	33	+,008	+0,01
1121	4	—36 55 11,59	14,692	+9,8791	+9,6440	—1,1672	—9,8326	34	—,009	—0,02
1122	4	+53 8 25,07	14,730	—9,4518	—9,7693	,1682	,8313	28	+,015	—0,04
1123	4	—36 43 43,23	14,738	+9,8774	+9,6434	,1684	,8311	41	+,012	+0,01
1124	7	+51 57 2,62	14,750	—9,4232	—9,7630	,1688	,8307	31	—,003	+0,17
1125	4	—11 16 21,93	14,766	+9,7474	+9,1594	,1693	,8301	43	—,002	—0,08

No.	Star's Name and Mag.	No. Obs.	Right Ascension. Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
1126	155 Lyncis 7	3	9 9 33,48	+4,223	—8,9016	+8,8642	+0,6256	—8,7980
1127	2 Leonis 6.7	4	9 35,49	3,527	,7411	,7037	,5474	—8,3969
1128	224 Cancri 7	3	10 37,88	3,234	,7003	,6591	,5097	—7,9596
1129	37 Urs. Maj. 7	4	11 14,58	4,145	,8882	,8444	,6175	—8,7740
1130	226 Cancri 7	4	11 20,31	3,390	,7207	,6766	,5302	—8,2498
1131	68 Urs. Maj. 6 7	3	12 21,35	4,945	—9,0642	+9,0156	+0,6912	—9,0201
1132	κ Pix. Naut. 6	4	13 45,50	2,534	8,7655	8,7126	,4038	+8,4784
1133	73 Urs. Maj. 7	4	13 53,52	4,317	,9369	,8829	,6352	—8,8486
1134	10 Leo. Min. 7 8	3	13 58,15	3,497	,7447	,6904	,5437	—8,3844
1135	Leo. Min. 6.7	3	14 30,86	3,510	,7483	,6920	,5453	—8,3993
1136	Hydræ 7	4	14 40,07	3,132	—8,7010	+8,6445	+0,4958	—7,5640
1137	112 ——— 6.7	3	14 42,56	3,198	,7047	,6477	,5049	—7,8693
1138	——— 6.7	4	14 48,02	2,926	,7056	,6485	,4663	+7,9070
1139	75 Urs. Maj. 6	3	17 49,12	3,975	,8658	,7968	,5993	—8,7249
1140	Leonis 7.8	3	17 53,52	3,300	,7202	,6512	,5185	—8,1332
1141	121 Hydræ 6.7	3	17 58,19	3,056	—8,7053	+8,6360	+0,4851	+6,8318
1142	77 Urs. Maj. 6	4	19 8,59	5,869	9,2395	9,1649	,7686	—9,2199
1143	122 Hydræ 6.7	3	19 9,93	2,939	8,7119	8,6383	,4682	+7,8833
1144	478 Navis 6.7	3	19 59,08	2,353	,8229	,7462	,3716	+8,6291
1145	17 Leo. Min. 6	3	20 43,79	3,652	,7932	,7129	,5625	—8,5448
1146	126 Hydræ 6.7	3	21 2,67	3,046	—8,7103	+8,6292	+0,4837	+7,1282
1147	a Leo. Min. 6	3	21 28,71	3,682	8,8020	8,7189	,5661	—8,5693
1148	Urs. Maj. *var.*	4	21 40,51	5,811	9,2408	9,1561	,7642	—9,2209
1149	——— 7	3	22 0,38	4,085	8,9051	8,8199	,6112	—8,7903
1150	Pix. Naut. 7	3	22 22,48	2,657	,7582	8,6720	,4244	+8,3982
1151	ϵ Ant. Pneum. 6	3	22 26,59	2,469	—8,8003	+8,7138	+0,3925	+8,5616
1152	ν Pix. Naut. 6	4	22 35,64	2,657	,7585	,6715	,4244	+8,3985
1153	19 Leo. Min. 6	2	23 21,40	3,707	,8127	,7224	,5690	—8,5942
1154	F Urs. Maj. 5.6	3	23 28,46	4,176	,9325	,8414	,6208	—8,8333
1155	ζ^1 Ant. Pneum. 6.7	7	23 42,35	2,559	,7820	,6909	,4081	+8,4961
1156	ζ^2 ——— 6.7	2	24 28,95	2,561	—8,7831	+8,6889	+0,4084	+8,4971
1157	21 Leo. Min. 5.6	4	24 44,68	3,778	,8337	,7385	,5773	—8,6448
1158	22 ——— 6	3	25 44,54	3,684	,8126	,7129	,5663	—8,5873
1159	490 Navis 6	3	25 46,71	2,371	,8327	,7338	,3749	+8,6403
1160	35 Leonis 7	4	26 1,64	3,265	8,7299	8,6292	,5139	—8,0938
1161	187 Camelop. 6.7	3	26 25,81	7,270	—9,4333	+9,3297	+0,8615	—9,4250
1162	88 Urs. Maj. 6	4	27 34,75	5,752	9,2538	9,1463	,7598	—9,2343
1163	26 Leo. Min. 6	3	28 2,11	3,781	8,8428	8,7343	,5775	—8,6593
1164	27 ——— 6.7	3	28 39,88	3,853	,8639	,7528	,5858	—8,7045
1165	28 ——— 7	4	29 28,44	3,659	,8149	,7006	,5634	—8,5835
1166	43 Leonis 6.7	4	29 38,58	3,381	—8,7532	+8,6384	+0,5290	—8,3078
1167	44 Leonis 6.7	4	29 42,86	3,466	,7700	,6550	,5398	—8,4132
1168	N Hydræ 7	3	29 46,31	2,943	,7284	,6134	,4688	+7,9090
1169	Leo. Min. 7	3	29 58,31	3,659	,8161	,7000	,5634	—8,5858
1170	10 Ant. Pneum. 6	2	30 4,04	2,571	,7927	,6769	,4101	+8,5104

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s.*	″
1126	2	+51 59 28,66	—14,770	—9,4232	—9,7637	—1,1694	—9,8300	36	+,003	+0,15
1127	4	+26 56 44,79	14,770	+8,9085	—9,5232	,1694	,8300	38	+,009	—0,28
1128	4	+10 28 49,57	14,829	+9,4843	—9,1284	,1711	,8279	46	+,003	—0,06
1129	4	+50 14 22,86	14,868	—9,3747	—9,7560	,1723	,8265	47	+,014	—0,20
1130	4	+19 47 1,42	14,872	+9,2577	—9,3995	,1724	,8264	50	+,015	—0,10
1131	4	+64 38 35,19	14,942	—9,6191	—9,8283	—1,1744	—9,8238	51	—,010	—0,13
1132	3	—31 3 45,17	15,006	+9,8537	+9,5872	,1763	,8214	61	—,001	+0,05
1133	4	+54 43 8,53	15,023	—9,4609	—9,7865	,1768	,8208	58	+,004	—0,17
1134	1	+25 53 2,81	15,027	+9,0086	—9,5147	,1769	,8207	60	—,007	+0,05
1135	4	+26 37 23,68	15,058	+8,9638	—9,5268	,1778	,8195	62	+,014	+0,05
1136	4	+ 4 12 4,16	15,062	+9,5858	—8,7389	—1,1779	—9,8194	65	+,002	—0,11
1137	4	+ 8 25 2,30	15,069	+9,5224	—9,0407	,1781	,8191	66	—,007	—0,08
1138	4	— 9 8 12,87	15,069	+9,7275	+9,0776	,1781	,8191	68	+,001	—0,05
1139	4	+46 19 12,25	15,249	—9,2279	—9,7404	,1832	,8123	78	+,011	—0,02
1140	4	+15 0 50,55	15,249	+9,3997	—9,2946	,1832	,8123	84	+,006	—0,25
1141	4	— 0 45 17,18	15,253	+9,6464	+8,0078	—1,1833	—9,8121	85	+,002	—0,07
1142	4	+72 55 49,63	15,332	—9,6884	—9,8640	,1856	,8090	83	+,021	—0,10
1143	4	— 8 30 38,44	15,317	+9,7202	+9,0546	,1852	,8096	87	+,015	—0,03
1144	4	—39 47 27,52	15,362	+9,8716	+9,6907	,1864	,8078	93	—,003	—0,09
1145	4	+34 22 31,96	15,414	—7,4771	—9,6376	,1879	,8057	92	+,009	—0,18
1146	4	— 1 29 16,28	15,425	+9,6542	+8,3042	—1,1882	—9,8052	96	+,006	0,00
1147	4	+35 49 41,62	15,455	—8,3222	—9,6544	,1891	,8040	97	—,005	—0,12
1148	1	+72 48 41,43	15,477	—9,6803	—9,8678	,1897	,8031	91	—,001	—0,10
1149	4	+50 9 34,74	15,484	—9,3201	—9,7731	,1899	,8027	99	+,022	—0,17
1150	4	—25 52 26,02	15,499	+9,8241	+9,5284	,1903	,8021	101	+,004	—0,08
1151	4	—35 14 3,12	15,503	+9,8573	+9,6497	—1,1904	—9,8020	103	+,002	—0,27
1152	4	—25 52 11,86	15,510	+9,8235	+9,5287	,1906	,8017	105	+,004	—0,07
1153	4	+37 12 49,89	15,558	—8,5441	—9,6715	,1920	,7997	107	+,005	—0,08
1154	4	+52 46 47,42	15,566	—9,3784	—9,7912	,1922	,7993	104	—,005	—0,09
1155	4	—31 9 57,25	15,570	+9,8432	+9,6044	,1923	,7992	113	+,005	+0,12
1156	4	—31 8 51,56	15,613	+9,8426	+9,6054	—1,1935	—9,7973	117	—,017	—0,02
1157	4	+40 20 54,96	15,628	—8,8691	—9,7030	,1939	,7967	115	—,002	—0,12
1158	4	+36 33 9,42	15,690	—8,3222	—9,6684	,1956	,7940	118	—,025	—0,28
1159	4	—39 55 24,95	15,679	+9,8651	+9,7009	,1953	,7945	122	,000	—0,18
1160	4	+13 23 10,04	15,704	+9,4456	—9,2580	,1960	,7934	120	—,005	—0,02
1161	4	+78 52 42,42	15,744	—9,7185	—9,8869	—1,1971	—9,7916	112	+,026	+0,07
1162	4	+72 59 42,64	15,798	—9,6637	—9,8771	,1986	,7892	121	—,116	—0,07
1163	4	+40 58 35,41	15,812	—8,8751	—9,7135	,1990	,7885	126	—,016	+0,04
1164	4	+43 53 7,48	15,848	—9,0414	—9,7386	,2000	,7869	129	+,002	—0,08
1165	4	+35 58 59,47	15,891	—7,8451	—9,6679	,2012	,7849	133	+,012	—0,10
1166	4	+21 2 17,92	15,898	+9,2718	—9,4540	—1,2013	—9,7846	135	+,008	+0,03
1167	4	+26 6 24,01	15,903	+9,0864	—9,5426	,2014	,7845	136	+,007	+0,02
1168	4	— 8 41 8,24	15,902	+9,7168	+9,0800	,2014	,7845	140	+,012	+0,02
1169	4	+36 4 36,28	15,915	—7,8451	—9,6696	,2018	,7838	137	+,008	—0,03
1170	4	—31 26 23,45	15,912	+9,8370	+9,6174	,2017	,7840	142	+,001	+0,01

No.	Star's name and Mag.	No. Obs.	Right Ascension. Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
1171	46 Leonis 7	4	9 30 19,35	+3,270	—8,7374	+8,6200	+0,5145	—8,1216
1172	*y* Navis 6	3	31 34,87	2,331	,8582	,7361	,3675	+8,6878
1173	Hydræ 6.7	2	31 43,54	2,926	,7328	,6102	,4663	+7,9725
1174	N³ —— 6.7	3	31 44,09	2,928	,7327	,6098	,4666	+7,9659
1175	32 Leo. Min. 6.7	3	31 45,21	3,754	,8452	,7220	,5745	—8,6576
1176	Hydræ 7	3	32 17,22	2,926	—8,7335	+8,6091	+0,4663	+7,9754
1177	33 Leo. Min. 6.7	3	32 44,76	3,645	8,8188	,6917	,5617	—8,5861
1178	97 Urs. Maj. 6.7	3	33 8,34	4,730	9,0926	,9637	,6749	—9,0477
1179	Hydræ 7	3	33 24,37	2,931	8,7350	,6055	,4670	+7,9652
1180	*f* Leonis 6	4	33 51,86	3,540	8,7949	,6636	,5490	—8,5032
1181	99 Urs. Maj. 6	4	34 46,48	4,325	—9,0048	+8,8696	+0,6360	—8,9326
1182	Leonis 7	3	35 52,42	3,421	8,7720	,6327	,5341	—8,3847
1183	100 Urs. Maj. 6.7	4	36 7,06	3,875	,8895	,7491	,5883	—8,7453
1184	102 Leo. Min. 6.7	4	37 54,60	3,892	,8992	,7517	,5902	—8,7617
1185	66 Leonis 6.7		38	3,370	,7664	,6170	,5276	—8,3275
1186	67 Leonis 6.7	4	38 33,48	3,236	—8,7458	+8,5958	+0,5100	—8,0742
1187	68 —— 7	2	38 40,78	3,234	,7457	,5952	,5097	—8,0695
1188	16 Sextantis 7	3	40 0,98	2,981	,7403	,5848	,4744	+7,7942
1189	40 Leo. Min. 7	4	40 4,12	3,718	,8558	,6997	,5703	—8,6672
1190	512 Navis 6	4	40 4,93	2,329	,8808	,7250	,3788	+8,7227
1191	72 Leonis 7	3	41 56,29	3,237	—8,7507	+8,5870	+0,5101	—8,0889
1192	73 —— 7	3	42 6,83	3,254	,7531	,5889	,5124	—8,1312
1193	*q* Leo. Min. 7	3	42 20,20	3,671	,8481	,6828	,5648	—8,6439
1194	*c* Sextantis 6.7	3	42 29,06	2,980	,7436	,5781	,4742	+7,8063
1195	—— 6.7	4	43 8,35	2,995	,7437	,5751	,4764	+7,7200
1196	109 Urs. Maj. 7	4	43 26,41	5,612	—9,2926	+9,1215	+0,7491	—9,2746
1197	*u* Navis 6	3	43 33,02	2,320	8,8925	8,7226	,3655	+8,7419
1198	111 Urs. Maj. 6	4	44 54,16	3,969	8,9412	,7650	,5987	—8,8290
1199	79 Leonis 7	4	45 22,35	3,183	8,7498	,5719	,5028	—7,9361
1200	113 Urs. Maj. 6.7	3	45 39,80	4,256	9,0231	,8436	,6290	—8,9524
1201	45 Leo. Min. 6.7	3	46 49,63	3,516	—8,8235	+8,6396	+0,5197	—8,5612
1202	*c* —— 5.6	4	47 33,08	3,720	8,8750	,6881	,5705	—8,6990
1203	524 Navis 6.7	4	47 48,47	2,352	8,8944	,7072	,3714	+8,7403
1204	Urs. Maj. 7	3	48 11,97	4,195	9,0148	,8251	,6227	—8,9395
1205	87 Leonis 7	3	49 13,11	3,274	8,7664	,5728	,5151	—8,2063
1206	Urs. Maj. 7.8	3	49 51,10	4,051	—8,9797	+8,7831	+0,6076	—8,8871
1207	92 Leonis 6	3	50 4,62	3,488	,8146	,6174	,5426	—8,5187
1208	*s* Leo. Min. 6	4	51 28,97	3,524	,8271	,6237	,5470	—8,5599
1209	*η* Antl. Pneum. 6	4	51 47,96	2,570	,8395	,6356	,4099	+8,5994
1210	119 Urs. Maj. 7	4	52 7,23	3,929	,9507	,7446	,5943	—8,8391
1211	121 Urs. Maj. 6	3	53 35,84	4,053	—8,9924	+8,7800	+0,6078	—8,9040
1212	Hydræ 7	4	53 49,80	2,918	8,7645	,5516	,4651	+8,0865
1213	124 Urs. Maj. 7	3	55 18,46	4,113	9,0152	,7957	,6142	—8,9365
1214	106 Leonis 7	4	56 21,05	3,174	8,7628	,5389	,5016	—7,9458
1215	39 Antl. Pneum. 6.7	4	58 14,47	2,610	8,8417	,6098	,4166	+8,5904

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P.M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s.*	″
1171	4	+14 3 9,89	—15,934	+9,4377	—9,2845	—1,2023	—9,7830	141	+,023	—0,01
1172	4	—42 26 54,46	15,997	+9,8615	+9,7316	,2040	,7800	149	—,015	—0,02
1173		— 9 58	16,004	+9,7259	+9,1419	,2042	,7796	146	+,014	
1174	4	— 9 49 42,14	16,008	+9,7251	+9,1355	,2043	,7795	147	+,009	—0,18
1175	4	+40 30 18,18	16,011	—8,7853	—9,7148	,2044	,7793	143	—,017	—0,09
1176	8	—10 1 33,49	16,028	+9,7259	+9,1447	—1,2049	—9,7785	152	+,022	—0,22
1177	4	+35 50 35,62	16,063	+7,3010	—9,6712	,2058	,7768	153	+,011	—0,03
1178	4	+64 24 21,18	16,087	—9,5441	—9,8596	,2065	,7756	150	+,006	—0,15
1179	4	— 9 45 22,30	16,095	+9,7235	+9,1350	,2067	,7752	156	+,010	—0,12
1180	4	+30 43 44,98	16,119	+8,8388	—9,6136	,2073	,7741	157	+,003	—0,08
1181	4	+57 52 49,44	16,171	—9,4297	—9,8345	—1,2087	—9,7715	159	—,013	—0,04
1182	4	+24 13 46,19	16,222	+9,1903	—9,5208	,2101	,7689	163	+,003	—0,12
1183	4	+45 52 34,06	16,236	—9,0755	—9,7643	,2105	,7682	162	+,004	—0,14
1184	4	+46 47 8,51	16,328	—9,1004	—9,7734	,2129	,7634	169	+,017	—0,04
1185	4	+21 21 56,04	16,351	+9,2856	—9,4728	,2136	,7622	173		0,00
1186	4	+12 19 41,66	16,358	+9,4786	—9,2402	—1,2137	—9,7618	175	+,005	+0,04
1187	4	+12 11 26,95	16,365	+9,4800	—9,2357	,2139	,7615	176	+,011	—0,05
1188	4	— 6 28 59,17	16,428	+9,6955	+8,9675	,2156	,7581	178	+,006	—0,09
1189	4	+40 23 41,91	16,435	—8,6021	—9,7252	,2158	,7577	177	—,002	—0,12
1190	4	—43 59 39,58	16,432	+9,8513	+9,7556	,2157	,7579	182	+,001	0,00
1191	4	+12 36 35,59	16,528	+9,4786	—9,2544	—1,2182	—9,7526	185	+,011	+0,01
1192	4	+13 50 2,10	16,535	+9,4564	—9,2945	,2184	,7522	188	+,041	—0,08
1193	4	+38 41 5,31	16,548	—8,1461	—9,7125	,2187	,7515	189	+,018	+0,02
1194	4	— 6 36 45,65	16,551	+9,6955	+8,9795	,2188	,7513	191	+,011	—0,08
1195	4	— 5 24 57,66	16,587	+9,6857	+8,8941	,2198	,7492	195	—,005	—0,05
1196	4	+73 39 27,44	16,617	—9,6180	—9,9006	—1,2205	—9,7476	187	—,030	—0,05
1197	4	—44 57 57,17	16,603	+9,8470	+9,7676	,2202	,7483	198	—,003	—0,18
1198	4	+50 35 39,56	16,678	—9,1818	—9,8080	,2222	,7440	199	+,010	—0,02
1199	4	+ 8 51 0,10	16,698	+9,5366	—9,1070	,2227	,7428	202	+,018	—0,04
1200	4	+58 11 56,25	16,717	—9,3802	—9,8505	,2232	,7417	201	+,009	—0,05
1201	4	+33 9 44,98	16,768	+8,8062	—9,6602	—1,2245	—9,7386	207	+,015	+0,01
1202	4	+41 50 17,25	16,803	—8,6021	—9,7474	,2254	,7365	209	—,013	+0,03
1203	3	—44 30 24,02	16,806	+9,8395	+9,7691	,2255	,7363	213	+,022	—0,02
1204	4	+57 15 28,98	16,836	—9,3144	—9,8190	,2262	,7346	211	+,006	+0,07
1205	4	+16 0 20,15	16,879	+9,4297	—9,3653	,2274	,7318	215	+,014	—0,06
1206	4	+53 54 45,50	16,914	—9,2480	—9,8336	—1,2282	—9,7296	217	+,006	—0,08
1207	4	+30 25 53,34	16,920	+9,0128	—9,6306	,2284	,7292	221	+,019	—0,12
1208	4	+32 43 53,75	16,988	+8,8921	—9,6610	,2302	,7248	224	—,025	—0,49
1209	4	—35 6 17,86	16,994	+9,8195	+9,6882	,2303	,7244	227	—,007	—0,14
1210	4	+50 40 11,55	17,020	—9,1238	—9,8173	,2309	,7228	226	—,001	—0,08
1211	4	+54 41 6,21	17,087	—9,2430	—9,8423	—1,2327	—9,7183	229	+,012	+0,18
1212	4	—12 6 25,32	17,093	+9,7275	+9,2529	,2328	,7179	231	+,006	—0,06
1213	4	+56 33 59,72	17,163	—9,2833	—9,8540	,2346	,7131	233	—,002	+0,04
1214	4	+ 8 47 15,25	17,208	+9,5453	—9,1168	,2357	,7099	239	+,003	—0,05
1215	4	—34 4 58,77	17,290	+9,8082	+9,6845	,2378	,7040	247	—,009	0,00

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
1216	61 Leo. Min. 6	4	9 58 42,89	+3,495	—8,8337	+8,5996	+0,5434	—8,5626
1217	Leonis 7.8	3	59 25,27	3,220	,7720	,5349	,5079	—8,1169
1218	114 ——— 7	3	10 0 46,37	3,189	,7697	,5267	,5035	—8,0255
1219	63 Leo. Min. 6.7	3	1 0,48	3,652	,8881	,6437	,5625	—8,7089
1220	115 Leonis 7	3	1 47,16	3,263	,7819	,5343	,5136	—8,2353
1221	189 Camelop.	3	4 21,80	10,482	—9,8328	+9,5697	+1,0204	—9,8312
1222	Sextantis 6.7	3	5 4,08	2,982	8,7709	8,5090	0,4745	+7,8942
1223	59 ——— 8	3	5 13,40	3,020	,7685	,5056	,4800	+7,6417
1224	——— 7.8	3	5 28,19	3,019	,7688	,5048	,4799	+7,6554
1225	61 ——— 7	3	5 32,84	2,994	,7705	,5061	,4762	+7,8298
1226	125 Leonis 7	3	5 34,58	3,263	—8,7870	+8,5223	+0,5136	—8,2516
1227	69 Leo. Min. 6	3	5 36,04	3,471	8,8405	,5759	,5401	—8,5679
1228	*k* Ursæ Maj. 6.7	3	5 57,48	4,491	9,1574	,8907	,6523	—9,1179
1229	48 Ant. Pneum. 7	3	6 8,16	2,667	8,8409	,5739	,4260	+8,5679
1230	*e* Leo. Min. 6	3	6 50,95	3,435	8,8319	,5616	,5359	—8,5324
1231	71 Leo. Min. 7	3	7 6,23	3,425	—8,8295	+8,5582	+0,5347	—8,5218
1232	129 Leonis 6.7	3	7 23,58	3,352	8,8098	,5373	,5253	—8,4244
1233	134 ——— 6	3	8 9,29	3,345	8,8092	,5330	,5244	—8,4168
1234	133 Urs. Maj. 6	3	8 21,07	4,741	9,2277	,9497	,6759	—9,1994
1235	548 Navis 6.7	3	8 37,02	2,501	8,9017	,6238	,3981	+8,7299
1236	136 Urs. Maj. 6.7	3	8 47,40	3,687	—8,9204	+8,6412	+0,5667	—8,7689
1237	Sextantis 8	3	9 51,15	3,063	8,7719	8,4881	,4861	+6,6670
1238	190 Camelopar. 6	3	10 12,59	8,336	9,7114	9,4226	,9210	—9,7085
1239	143 Urs. Maj. 6.7	3	11 9,08	3,630	8,9066	8,6166	,5599	—8,7375
1240	B¹ Sextantis 6.7	3	11 13,73	3,022	8,7745	8,4841	,4803	+7,6494
1241	*ν* Urs. Maj. 6	3	12 8,46	4,448	—9,1713	+8,8759	+0,6482	—9,1332
1242	145 ——— 6.7	3	12 20,50	3,612	8,9035	,6079	,5577	—8,7293
1243	74 Leo. Min. 6.7	3	13 31,17	3,502	,8676	,5663	,5443	—8,6370
1244	149 Leonis 6.7	3	13 31,93	3,171	,7818	,4808	,5012	—8,0113
1245	75 Leo. Min. 6.7	2	13 35,14	3,482	,8607	,5591	,5418	—8,6162
1246	77 Sextantis 7	3	13 37,67	3,069	—8,7756	+8,4739	+0,4870	—5,7164
1247	76 Leo. Min. 7	3	14 20,58	3,416	,8406	,5355	,5335	—8,5450
1248	77 ——— 5.6	3	14 38,24	3,475	,8608	,5540	,5409	—8,6143
1249	78 Sextantis 7	3	15 1,80	3,067	,7769	,4686	,4867	+6,0188
1250	79 ——— 6.7	3	15 6,17	3,034	,7777	,4690	,4820	+7,5334
1251	Ursæ Maj. 7.8	3	15 31,46	3,859	—9,0024	+8,6912	+0,5865	—8,9072
1252	157 Leonis 7	3	15 34,51	3,186	8,7861	,4749	,5032	—8,0820
1253	79 Leo. Min. 6.7	3	16 12,62	3,495	,8713	,5573	,5434	—8,6430
1254	*μ* Antl. Pneum 6.7	3	16 16,58	2,625	,8768	,5627	,4191	+8,6583
1255	*γ* ——— 6.7	3	16 21,09	2,747	,8356	,5212	,4389	+8,5191
1256	Leonis 6.7		16	3,166	—8,7847	+8,4674	+0,5005	—8,0061
1257	83 Sextantis 6	3	17 29,94	3,005	8,7823	,4589	,4778	+7,8192
1258	148 Ursæ Maj. 6.7	2	17 40,06	3,594	8,9112	,5897	,5556	—8,7402
1259	147 ——— 7	3	18 5,44	4,382	9,1782	,8545	,6417	—9,1405
1260	Sextantis 7		19	3,067	8,7806	,4523	,4867	+6,1986

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						s.	″
1216	4	+22 24 40,32	—17,314	+8,9868	—9,6652	—1,2384	—9,7022	246	+,004	—0,07
1217	4	+12 47 57,62	17,343	+9,4941	—9,2821	,2391	,7001	249	—,005	—0,17
1218	4	+10 23 52,72	17,402	+9,5289	—9,1945	,2406	,6957	255	+,007	—0,14
1219	4	+41 28 10,78	17,416	—7,4771	—9,7598	,2410	,6946	254	—,002	+0,04
1220	4	+16 30 59,64	17,448	+9,4409	—9,3931	,2417	,6921	256	+,007	0,00
1221	4	+85 4 51,64	17,595	—9,6434	—9,9418	—1,2454	—9,6803	252	—,198	—0,18
1222	1	— 7 37 48,17	17,584	+9,6937	+9,0664	,2451	,6812	8	+,013	0,00
1223	1	— 4 16 16,58	17,592	+9,6712	+8,8166	,2453	,6805	11	—,006	—0,03
1224	4	— 4 24 18,91	17,603	+9,6721	+8,8302	,2456	,6796	15	+,001	—0,11
1225	4	— 6 34 14,47	17,606	+9,6866	+9,0031	,2457	,6794	16	+,040	—0,07
1226	4	+16 57 18,86	17,609	+9,4409	—9,4084	—1,2457	—9,6791	13	+,009	+0,06
1227	4	+32 17 3,59	17,609	+9,0492	—9,6712	,2457	,6791	12	—,016	+0,01
1228	4	+65 55 40,26	17,628	—9,4099	—9,9047	,2462	,6775	9	—,025	+0,01
1229	3	—32 13 9,11	17,631	+9,7931	+9,6713	,2463	,6773	18	—,038	+0,06
1230	4	+30 7 42,46	17,663	+9,1399	—9,6456	,2470	,6747	19	+,001	—0,11
1231	4	+29 30 16,52	17,670	+9,1643	—9,6376	—1,2472	—9,6740	21	+,008	—0,15
1232	4	+24 19 11,88	17,681	+9,3053	—9,5602	,2475	,6730	24	+,012	—0,04
1233	4	+23 55 51,60	17,714	+9,3160	—9,5539	,2483	,6702	28	—,022	—0,10
1234	4	+69 34 19,49	17,730	—9,4548	—9,9185	,2487	,6687	26	—,012	—0,13
1235	4	—42 17 27,05	17,730	+9,8028	+9,7749	,2487	,6687	32	+,010	—0,09
1236	4	+44 52 58,33	17,741	—8,3010	—9,7955	—1,2490	—9,6678	31	+,013	—0,42
1237	4	— 0 25 17,81	17,781	—9,6415	+7,8431	,2500	,6642	35	+,017	—0,21
1238	3	+83 23 22,32	17,825	—9,6064	—9,9461	,2510	,6602	22	—,099	—0,16
1239	4	+42 40 31,50	17,835	+8,0000	—9,7802	,2513	,6593	40	+,006	+0,03
1240	4	— 4 16 39,73	17,837	+9,6693	+8,8243	,2513	,6590	41	+,003	—0,07
1241	4	+66 23 51,65	17,880	—9,3802	—9,9123	—1,2524	—9,6559	42	+,007	+0,04
1242	4	+42 3 54,36	17,883	+8,3010	—9,7762	,2524	,6548	44	—,008	—0,02
1243	4	+36 2 53,77	17,930	+8,9445	—9,7210	,2536	,6503	48	+,013	+0,01
1244	4	+ 9 47 33,59	17,927	+9,5465	—9,1811	,2535	,6505	51	+,018	—0,19
1245	4	+34 44 14,69	17,932	+9,0128	—9,7072	,2536	,6500	49	+,019	—0,20
1246	3	+ 0 4 36,87	17,932	+9,6375	—6,8925	—1,2536	—9,6500	52	+,015	—0,22
1247	4	+30 26 48,95	17,961	+9,1732	—9,6567	,2543	,6472	53	+,003	—0,10
1248	4	+34 32 58,60	17,974	+9,0294	—9,7062	,2546	,6460	55	+,003	—0,17
1249	4	— 0 4 12,87	17,954	+9,6385	+7,1949	,2549	,6447	57	+,012	—0,30
1250	4	— 3 14 30,40	17,989	+9,6609	+8,7088	,2550	,6444	59	+,023	+0,01
1251	4	+53 27 27,61	18,010	—8,9731	—9,8583	—1,2555	—9,6424	58	—,012	—0,02
1252	3	+11 25 19,11	18,010	+9,5289	—9,2494	,2555	,6424	60	+,002	+0,14
1253	4	+36 15 47,13	18,033	+8,9638	—9,7257	,2561	,6400	62	—,004	—0,07
1254	4	—37 10 29,01	18,033	+9,7853	+9,7356	,2561	,6400	66	—,005	—0,10
1255	4	—28 48 58,17	18,035	+9,7716	+9,6377	,2561	,6398	65	+,009	+0,16
1256	1	+ 9 36 39,00	18,058	+9,5514	—9,1761	—1,2567	—9,6374	67		—0,20
1257	4	— 6 13 49,10	18,106	+9,6794	+8,9927	,2578	,6324	71	+,007	+0,10
1258	4	+42 26 32,19	18,091	+8,4771	—9,7845	,2575	,6340	70	—,008	+0,06
1259	4	+66 28 3,37	18,108	—9,3424	—9,9181	,2579	,6321	69	—,011	0,00
1260	3	— 0 7 32,59	18,143	+9,6385	+7,3747	,2587	,6284	77		—0,24

No.	Star's Name and Mag.	No. Obs.	Right Ascension. Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
1261	83 Leo. Min. 6.7	3	10 19 42,92	+3,401	—8,8461	+8,5148	+0,5316	—8,5522
1262	167 Leonis 6.7	3	19 58,94	3,221	8,7968	,4644	,5080	—8,2144
1263	85 Leo. Min. 6.7	3	20 27,21	3,534	8,8960	,5610	,5483	—8,7018
1264	170 Leonis 7	3	20 27,57	3,177	8,7898	,4552	,5020	—8,0697
1265	Q. Camelop. 6	3	20 50,92	5,397	9,4152	9,0773	,7321	—9,4031
1266	*h* Leo. Min. 6.7	3	22 28,31	3,428	—8,8610	+8,5157	+0,5350	—8,5994
1267	*v* Sextantis 6.7	3	22 43,30	3,002	8,7868	,4408	,4774	+7,8612
1268	Urs. Maj. 7	3	23 20,28	3,828	9,0184	,6690	,5830	—8,9281
1269	*i* Leo. Min. 6	3	24 3,95	3,459	8,8759	,5227	,5389	—8,6430
1270	158 Urs. Maj. 7	3	24 14,55	3,711	8,9764	,6223	,5695	—8,8602
1271	ϕ^1 Hydræ 7	3	24 40,15	2,912	—8,8029	+8,4467	+0,4642	+8,2467
1272	s^1 Navis 6.7	3	24 54,10	2,544	8,9304	,5735	,4055	+8,7742
1273	141 Urs. Maj. 7	3	25 24,54	3,562	8,9200	,5601	,5517	—8,7516
1274	Navis 6	3	25 59,86	2,514	8,9461	,5834	,4004	+8,8044
1275	Urs. Maj. 7	3	26 3,15	3,771	9,0064	,6430	,5765	—8,9084
1276	*k* Leo. Min. 6.7	3	26 52,05	3,467	—8,8858	+8,5182	+0,5399	—8,6670
1277	Leonis 7	3	27 27,71	3,140	,7918	,4214	,4969	—7,9281
1278	95 Leo. Min. 6.7	3	28 29,72	3,429	,8747	,4987	,5352	—8,6324
1279	180 Leonis 7	3	28 54,85	3,237	,8109	,4328	,5101	—8,3036
1280	98 Leo. Min. 6.7	3	29 39,87	3,478	,8974	,5150	,5413	—8,6940
1281	*z* Urs. Maj. 6	3	30 35,91	4,235	—9,1908	+8,8026	+0,6268	—9,1534
1282	193 Leonis 7	3	31 2,99	3,154	8,7967	,4071	,4989	—8,0226
1283	100 Leo. Min. 6.7	3	31 12,44	3,340	8,8462	,4558	,5237	—8,5230
1284	102 ——— 6	3	32 55,24	3,383	8,8661	,4659	,5293	—8,5967
1285	174 Urs. Maj. 6.7	3	33 15,07	3,857	9,0687	,6663	,5863	—8,9973
1286	175 Urs. Maj. 6.7	6	33 49,08	3,593	—8,9593	+8,5540	+0,5555	—8,8238
1287	——— 7.8	5	34 17,37	3,591	8,9596	,5517	,5552	—8,8241
1288	ρ Antl. Pneum. 6	3	35 4,61	2,768	8,8645	,4528	,4422	+8,5871
1289	178 Urs. Maj. 7	3	35 36,30	3,828	9,0669	,6519	,5830	—8,9942
1290	181 ——— 6.7	3	35 58,91	3,838	8,0727	,6550	,5841	—9,0022
1291	207 Leonis 7	3	36 56,74	3,137	—8,7996	+8,3769	+0,4965	—7,9625
1292	Urs. Maj. 7.8	3	38 15,62	3,817	9,0735	,6431	,5817	—9,0026
1293	561 Navis 7	3	39 17,42	2,649	8,9279	,4921	,4231	+8,7563
1294	187 Urs. Maj. 7.8	3	39 20,92	3,523	8,9454	,5088	,5469	—8,7931
1295	Hydræ 7.8	2	39 30,96	2,947	8,8113	,3739	,4694	+8,2181
1296	111 Leo. Min. 6	3	39 50,39	3,334	—8,8606	+8,4208	+0,5230	—8,5628
1297	119 Sextantis 7	2	40 41,72	3,002	8,8021	,3576	,4774	+7,9598
1298	*r* Urs. Maj. 6	3	40 57,83	3,853	9,1010	,6545	,5858	—9,0392
1299	189 ——— 6	3	40 57,91	3,772	9,0665	,6201	,5766	—8,9922
1300	τ Antl. Pneum 6.7	3	42 17,27	2,778	8,8760	,4224	,4437	+8,6147
1301	227 Leonis 7	3	42 25,57	3,102	—8,8000	+8,3451	+0,4916	—7,6882
1302	193 Urs. Maj. 7.8	2	42 33,33	3,662	9,0234	,5673	,5637	—8,9280
1303	194 ——— 7	3	42 35,51	3,661	9,0229	,5668	,5636	—8,9272
1304	Antl. Pneum. 7	3	42 46,50	2,782	8,8753	,4188	,4444	+8,6114
1305	b^2 Hydræ 7	3	43 1,96	2,930	8,8196	,3611	,4669	+8,2974

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						s.	″
1261	4	+30 34 8,07	—18,166	+9,2014	—9,6634	—1,2592	—9,6259	79	+,022	—0,12
1262	4	+15 11 0,01	18,173	+9,4900	—9,3751	,2594	,6251	83	+,002	—0,16
1263	4	+39 45 56,61	18,192	+8,8195	—9,7637	,2599	,6230	84	+,006	—0,16
1264	4	+10 59 54,42	18,190	+9,5391	—9,2378	,2598	,6232	85	—,001	0,00
1265	4	+76 33 34,40	18,214	—9,4843	—9,9463	,2604	,6205	78	+,034	+0,04
1266	4	+33 13 25,96	18,268	+9,1399	—9,6981	—1,2617	—9,6144	93	+,014	—0,02
1267	4	— 6 47 36,85	18,272	+9,6812	+9,0342	,2618	,6138	94	+,006	—0,04
1268	4	+54 20 40,67	18,296	—8,8976	—9,8701	,2624	,6110	95	+,011	—0,14
1269	4	+35 50 9,76	18,322	+9,0607	—9,7281	,2630	,6079	99	+,023	—0,09
1270	4	+49 57 17,94	18,330	—8,4914	—9,8450	,2631	,6070	100	—,005	—0,14
1271	4	—16 6 28,46	18,344	+9,7235	+9,4054	—1,2635	—9,6053	104	+,009	—0,20
1272	4	—44 13	18,318	+9,7723	+9,8053	,2636	,6047	106	—,028	
1273	4	+42 45 31,47	18,369	+8,6812	—9,7937	,2641	,6021	105	+,013	—0,03
1274	4	—46 9 18,28	18,388	+9,7694	+9,8208	,2645	,5998	113	—,004	+0,01
1275	4	+52 57 34,89	18,393	—8,7404	—9,8646	,2646	,5992	109	+,024	—0,05
1276	4	+37 10 50,36	18,420	+9,0334	—9,7444	—1,2653	—9,5957	114	+,012	—0,01
1277	4	+ 7 53 30,54	18,438	+9,5740	—9,1000	,2657	,5934	116	+,019	—0,21
1278	4	+34 55 50,63	18,475	+9,1271	—9,7223	,2666	,5886	117	+,016	—0,17
1279	6	+18 8 2,54	18,488	+9,4669	—9,4576	,2669	,5868	119	+,008	—0,05
1280	4	+38 46 2,80	18,515	+8,9912	—9,7621	,2675	,5831	122	—,019	0,00
1281	4	+66 34 43,05	18,551	—9,3096	—9,9290	—1,2684	—9,5782	124	—,025	0,00
1282	4	+ 9 41 56,91	18,560	+9,5623	—9,1924	,2686	,5770	128	—,009	—0,12
1283	4	+28 22 58,56	18,564	+9,3075	—9,6435	,2687	,5764	129	+,019	—0,06
1284	3	+32 33 30,87	18,623	+9,2227	—9,6987	,2700	,5679	131	+,004	+0,02
1285	3	+58 3 46,06	18,636	—8,9138	—9,8970	,2703	,5660	133	+,005	—0,08
1286	4	+47 4 10,65	18,653	+8,4472	—9,8333	—1,2707	—9,5634	135	—,021	+0,03
1287	4	+47 4 20,86	18,668	+8,4771	—9,8336	,2711	,5612	137	—,021	+0,01
1288	4	—31 51 12,21	18,689	+9,7482	+9,6922	,2716	,5579	143	+,008	—0,01
1289	4	+57 47 3,50	18,708	—8,8633	—9,8974	,2720	,5550	142	+,008	—0,11
1290	4	+58 14 2,84	18,722	—8,8692	—9,8998	,2724	,5527	144	+,009	—0,09
1291	4	+ 8 22 47,84	18,750	+9,5775	—9,1339	—1,2730	—9,5484	148	+,019	—0,08
1292	4	+58 10 59,87	18,790	—8,8261	—9,9011	,2739	,5416	153	+,005	—0,04
1293	4	—42 19 19,49	18,819	+9,7427	+9,8010	,2746	,5368	158	+,003	—0,07
1294	4	+44 47 51,18	18,822	+8,8195	—9,8204	,2747	,5361	157	—,003	—0,19
1295	4	—14 45 25,15	18,827	+9,7059	+9,3796	,2748	,5354	159	+,022	—0,14
1296	4	+30 17 10,41	18,839	+9,3075	—9,6753	—1,2750	—9,5334	160	+,003	—0,15
1297	4	— 8 13 42,84	18,862	+9,6803	+9,1313	,2756	,5292	165	+,001	—0,10
1298	4	+60 11 35,22	18,872	—8,8808	—9,9121	,2758	,5274	161	+,002	—0,15
1299	4	+57 27 14,62	18,872	—8,6990	—9,8995	,2758	,5274	163	+,006	0,00
1300	4	—33 11 10,70	18,907	+9,7364	+9,7133	,2766	,5210	173	—,004	+0,07
1301	4	+ 4 27 43,71	18,913	+9,6107	—8,8630	—1,2768	—9,5199	172	+,017	—0,12
1302	8	+53 26 23,40	18,919	—7,7781	—9,8795	,2769	,5188	170	+,009	—0,09
1303	1	+53 22 45,67	18,919	—7,7781	—9,8792	,2769	,5188	171	+,007	—0,05
1304	4	—32 57 58,42	18,921	+9,7356	+9,7111	,2769	,5185	175	+,011	+0,05
1305	4	—17 27 33,44	18,930	+9,7101	+9,4529	,2772	,5167	176	+,010	+0,02

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
1306	197 Urs. Maj. 6	3	10 43 31,98	+3,700	—9,0456	+8,5834	+0,5682	—8,9613
1307	121 Leo. Min. 7	3	43 46,04	3,306	8,8565	,3935	,5193	—8,5379
1308	126 ——— 6.7	2	45 43,60	3,278	,8484	,3730	,5156	—8,4954
1309	127 ——— 6.7	4	45 46,83	3,364	,8869	,4114	,5269	—8,6442
1310	244 Leonis 7	3	46 11,98	3,117	,8041	,3261	,4937	—7,8711
1311	Hydræ 7.8		46	2,920	—8,8266	+8,3469	+0,4654	+8,3476
1312	*t* Leo. Min. 6	3	46 35,03	3,355	,8846	,4041	,5257	—8,6361
1313	Urs. Maj. 7	3	46 41,11	3,511	,9646	,4828	,5454	—8,8260
1314	130 Leo. Min. 7	2	47 8,82	3,211	,8261	,3417	,5066	—8,3387
1315	250 Leonis 6.7	4	47 22,94	3,246	,8385	,3524	,5113	—8,4340
1316	257 Leonis 6.7	3	49 47,74	3,218	—8,8317	+8,3300	+0,5076	—8,3753
1317	206 Urs. Maj. 6	3	50 12,06	3,418	,9277	,4233	,5338	—8,7471
1318	208 ——— 7	3	50 19,01	3,367	,9010	,3958	,5272	—8,6800
1319	263 Leonis 7	3	51 3,72	3,156	,8146	,3049	,4991	—8,1516
1320	100 Antl. Pneum. 6	3	51 26,88	2,815	,8801	,3677	,4495	+8,6149
1321	L Urs. Maj. 6	3	51 34,36	3,397	—8,9206	+8,4068	+0,5311	—8,7293
1322	Z Centauri 6	3	52 36,05	2,728	,9296	,4095	,4358	+8,7497
1323	Leonis 7	3	52 37,12	3,074	,8050	,2845	,4877	—7,0012
1324	σ Antl. Pneum. 6.7	3	52 51,77	2,837	,8720	,3500	,4530	+8,5836
1325	Urs. Maj. 7	3	53 7,01	3,804	9,1411	,6169	,5802	—9,0891
1326	278 Leonis 7.8	3	54 33,78	3,057	—8,8063	+8,2723	+0,4853	+7,2953
1327	136 Leo. Min. 7	3	54 50,92	3,255	,8550	,3186	,5125	—8,5065
1328	p^1 Leonis 6	3	55 10,09	3,073	,8065	,2682	,4876	—6,9777
1329	216 Urs. Maj. 6	3	55 19,59	3,369	,9166	,3774	,5275	—8,7164
1330	282 Leonis 6.7	3	55 28,62	3,097	,8079	,2673	,4909	—7,7026
1331	284 Leonis 7	3	55 53,16	3,065	—8,8068	+8,2634	+0,4864	+6,6685
1332	——— 8	2	56 18,99	3,058	8,8072	,2604	,4854	+7,2665
1333	138 Leo. Min. 7.8	3	56 26,39	3,246	8,8537	,3060	,5113	—8,4966
1334	Urs. Maj. 7.8	3	56 49,66	3,625	9,0706	,5204	,5593	—8,9940
1335	Leonis 7.8	3	58 1,48	3,170	8,8252	,2667	,5011	—8,2668
1336	Leonis 7	3	58 6,89	3,085	—8,8085	+8,2490	+0,4893	—7,4895
1337	*p* Leo. Min. 7	3	58 12,08	3,244	,8559	,2954	,5111	—8,5039
1338	293 Leonis 6.7	3	58 49,20	3,226	,8483	,2833	,5087	—8,4607
1339	Z^2 Centauri 6	3	59 39,51	2,758	,9362	,3653	,4406	+8,7599
1340	296 Leonis 6.7	3	59 57,28	3,232	,8535	,2801	,5095	—8,4878
1341	Urs. Maj. 6.7	3	11 0 6,84	3,558	—9,0501	+8,4756	+0,5512	—8,9633
1342	220 ——— 6.7	3	0 18,64	3,328	8,9077	,3322	,5222	—8,6888
1343	222 ——— 7	3	0 22,64	3,399	8,9527	,3757	,5313	—8,7950
1344	223 ——— 7	3	1 53,91	3,447	9,0515	,4631	,5374	—8,9650
1345	301 Leonis 7.8	3	1 56,28	3,119	8,8150	,2261	,4940	—7,9972
1346	β Antl. Pneum. 6.7	3	1 58,06	2,864	—8,8792	+8,2903	+0,4570	+8,5973
1347	——— 7.8	3	2 40,37	2,865	8,8805	,2858	,4571	+8,6010
1348	Urs. Maj. 7.8	2	4 3,72	3,506	9,0388	,4329	,5148	—8,9452
1349	305 Leonis 7	3	5 0,53	3,189	8,8413	,2277	,5036	—8,3956
1350	Urs. Maj. 7.8	1	5 1,34	3,500	9,0403	,4267	,5441	—8,9472

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						s.	″
1306	4	+55 27 32,48	—18,947	—8,3617	—9,8912	—1,2775	—9,5133	177	—,012	—0,17
1307	4	+28 44 14,52	18,951	+8,3522	—9,6571	,2776	,5126	180	+,016	—0,09
1308	4	+26 22 4,62	19,008	+9,3944	—9,6239	,2789	,5015	185	—,003	+0,05
1309	4	+31 54 44,80	19,008	+9,2430	—9,7343	,2789	,5015	184	+,008	—0,22
1310	4	+ 6 43 29,78	19,019	+9,5955	—9,0442	,2792	,4992	186	+,019	—0,02
1311	3	—19 21 27,78	19,026	+9,7101	+9,4984	—1,2793	—9,4977	189		—0,08
1312	4	+34 23 7,25	19,030	+9,2577	—9,7289	,2794	,4969	187	+,010	—0,16
1313	3	+46 38 53,45	19,035	+8,8451	—9,8390	,2796	,4958	188	—,004	+0,06
1314	4	+19 1 51,81	19,046	+9,4900	—9,4905	,2798	,4935	192	+,031	0,00
1315	4	+23 13 49,41	19,054	+9,4425	—9,5734	,2800	,4919	194	—,001	+0,01
1316	4	+20 30 13,32	19,117	+9,4800	+9,5231	—1,2814	—9,4777	200	+,018	—0,05
1317	4	+41 18 39,23	19,128	+9,1106	—9,7991	,2817	,4753	202	—,022	+0,15
1318	4	+36 58 40,08	19,131	+9,2253	—9,7587	,2817	,4745	203	+,006	—0,06
1319	4	+12 35 12,48	19,149	+9,5563	—9,3172	,2821	,4704	205	—,004	—0,01
1320	4	—32 51 7,23	19,159	+9,7185	—9,7151	,2824	,4680	208	+,005	0,00
1321	4	+40 5 44,65	19,164	+9,1553	—9,7892	—1,2825	—9,4668	206	—,002	—0,11
1322	4	—41 20 28,12	19,188	+9,7135	+9,8012	,2830	,4609	215	+,011	+0,01
1323	4	+ 0 55 53,44	19,190	+9,6335	—8,1772	,2831	,4605	212	+,026	—0,04
1324	4	—30 57 37,26	19,195	+9,7160	+9,6928	,2832	,4593	216	+,009	—0,02
1325	3	+62 32 35,47	19,203	—8,7324	—9,9294	,2834	,4572	214	,000	—0,08
1326	3	— 1 44 51,44	19,237	+9,6464	+8,4711	—1,2841	—9,4482	223	+,009	+0,02
1327	4	+26 39 43,14	19,245	+9,4200	—9,6339	,2843	,4460	224	+,008	+0,12
1328	4	+ 0 53 11,93	19,252	+9,6335	—8,1538	,2845	,4443	227	+,008	—0,03
1329	3	+39 7 41,74	19,256	+9,2095	—9,7824	,2846	,4434	226	+,014	—0,03
1330	3	+ 4 31 30,75	19,260	+9,6138	—8,8773	,2847	,4421	229	+,010	—0,18
1331	4	— 0 23 27,60	19,270	+9,6395	+7,8446	—1,2849	—9,4395	232	+,016	—0,13
1332	4	— 1 37 25,33	19,281	+9,6454	+8,4425	,2851	,4363	233	+,009	—0,08
1333	3	+26 5 39,37	19,285	+9,4314	—9,6261	,2852	,4355	234	—,019	+0,02
1334	4	+56 58 55,71	19,293	+8,0000	—9,9068	,2854	,4332	235	+,010	+0,03
1335	4	+16 4 25,41	19,319	+9,5352	—9,4257	,2860	,4255	238	+,007	+0,02
1336	2	+ 2 46 16,53	19,322	+9,6243	—8,6651	—1,2860	—9,4246	241	+,016	—0,12
1337	4	+26 25 45,73	19,325	+9,4330	—9,6321	,2861	,4237	242	+,006	+0,08
1338	4	+24 12 50,70	19,339	+9,4594	—9,5969	,2864	,4195	245	+,012	—0,06
1339	3	—41 44 57,11	19,357	+9,6964	+9,8086	,2868	,4139	248	—,008	—0,02
1340	4	+25 32 59,77	19,381	+9,4487	—9,6192	,2874	,4116	249	+,006	—0,07
1341	4	+54 59 50,98	19,368	+8,5798	—9,8983	—1,2871	—9,4106	247	+,004	—0,17
1342	4	+37 12 12,34	19,371	+9,2810	—9,7663	,2871	,4097	252	+,012	—0,01
1343	4	+44 6 2,13	19,375	+9,1271	—9,8276	,2872	,4082	254	—,002	0,00
1344	4	+55 2 24,90	19,408	+8,6434	—9,8995	,2880	,3976	257	+,008	—0,20
1345	4	+ 8 47 9,03	19,409	+9,5922	—9,1682	,2880	,3971	1	+,011	—0,02
1346	4	—31 28 23,56	19,409	+9,6990	+9,7041	—1,2880	—9,3971	2	—,010	—0,13
1347	4	—31 40 8,26	19,425	+9,6972	+9,7069	,2884	,3917	3	+,001	—0,02
1348	4	+53 44 50,82	19,455	+8,7993	—9,8934	,2890	,3811	7	+,014	—0,05
1349	4	+21 1 53,24	19,475	+9,5051	—9,5418	,2895	,3739	9	—,013	—0,18
1350	4	+53 50 43,20	19,475	+8,8129	—9,8944	,2895	,3739	8	+,009	+0,01

No.	Star's name and Mag.	No. Obs.	Right Ascension. Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
1351	Hyd. & Crat. 7.8	2	11 5 58,23	+2,979	—8,8290	+8,2077	+0,4741	+8,2698
1352	Urs. Maj. 7	3	5 59,29	3,314	8,9179	,2960	,5203	—8,7114
1353	322 Leonis 7	2	7 19,12	3,141	8,8246	,1919	,4971	—8,1922
1354	H Urs. Maj. 6.7	3	7 21,98	3,433	9,0076	,3738	,5357	—8,8941
1355	Leonis 7	2	8 53,66	3,226	8,8681	,2216	,5087	—8,5430
1356	Urs. Maj. 7	3	9 19,90	3,342	—8,9506	+8,2999	+0,5240	—8,7860
1357	245 —— 7	3	9 49,80	3,281	8,9076	,2528	,5160	—8,6806
1358	336 Leonis 7	3	9 50,20	3,047	8,8146	,1604	,4839	+7,6777
1359	Urs. Maj. 7	3	10 40,60	3,297	8,9233	,2600	,5181	—8,7220
1360	10 Draconis 7	3	10 43,14	3,768	9,2100	,5761	,5761	—9,2072
1361	Leonis 7	2	11 45,80	3,159	—8,8366	+8,1640	+0,4995	—8,3308
1362	349 —— 7	3	12 28,99	3,094	8,8168	,1374	,4905	—7,8189
1363	353 —— 7	3	12 57,78	3,101	8,8185	,1347	,4919	—7,9352
1364	M Urs. Maj. 6.7	3	12 59,19	3,654	9,1921	,5076	,5628	—9,1501
1365	252 —— 6	3	13 44,73	3,329	8,9609	,2693	,5223	—8,8055
1366	358 Leonis 7	3	14 43,15	3,102	—8,8192	+8,1185	+0,4916	—7,9329
1367	Hyd. & Crat. 7.8	3	14 45,79	2,974	8,8418	,1411	,4733	+8,3706
1368	X Hydræ 5.6	1	15 14,62	2,886	8,9038	,1978	,4603	+8,6654
1369	*s* Urs. Maj. 6.7	3	16 36,12	3,449	9,0770	,3568	,5377	—8,9992
1370	370 Leonis 7	3	16 40,79	3,097	8,8191	,0982	,4909	—7,8806
1371	371 Leonis 7.8	3	16 59,87	3,198	—8,8689	+8,1446	+0,5049	—8,5352
1372	267 Hydræ 6	2	17 30,62	2,895	8,9041	,1749	,4616	+8,6647
1373	376 Leonis 7	3	17 45,44	3,109	8,8226	,0906	,4926	—8,0425
1374	382 —— 6.7	3	18 23,90	3,084	8,8178	,0787	,4891	—7,6486
1375	—— 7	3	18 25,19	3,084	8,8178	,0787	,4891	—7,6486
1376	Hyd. & Crat. 6.7	1	19 12,18	3,020	—8,8259	+8,0789	+0,4800	+8,1275
1377	Leonis 6.7	3	19 27,33	3,121	8,8282	,0782	,4943	—8,1753
1378	260 Urs. Maj. 6.7	3	19 35,18	3,518	9,1550	,4028	,5463	—9,1035
1379	389 Leonis 7	3	19 37,05	3,068	8,8172	,0650	,4869	+5,2809
1380	392 —— 7.8	2	19 57,76	3,082	8,8182	,0623	,4888	—7,6241
1381	262 Urs. Maj. 6	3	20 9,82	3,262	—8,9345	+8,1757	+0,5135	—8,7446
1382	25 Centauri 6	2	20 39,56	2,865	8,9450	,1816	,4571	+8,7687
1383	395 Leonis 7	4	20 58,23	3,068	8,8177	,0505	,4869	—5,5824
1384	397 —— 7.8	2	21 7,30	3,086	8,8192	,0497	,4894	—7,7296
1385	G —— 7	3	21 8,63	3,101	8,8225	,0530	,4915	—7,9913
1386	269 Urs. Maj. 6	3	21 34,96	3,282	—8,9613	+8,1872	+0,5161	—8,8034
1387	402 Leonis 7.8	2	22 11,52	3,190	8,8776	,0958	,5038	—8,5677
1388	406 —— 7	3	22 54,74	3,083	8,8193	,0295	,4890	—7,6574
1389	407 —— 7	3	23 13,47	3,126	8,8340	,0402	,4950	—8,2544
1390	277 Hydræ 5.6	3	24 45,63	2,950	8,8822	,0703	,4698	+8,5837
1391	Centauri 6	3	24 46,94	2,901	—8,9317	+8,1190	+0,4625	+8,7357
1392	410 Leonis 7.8	3	24 51,10	3,083	8,8200	,0065	,4890	—7,6899
1393	Ursæ Maj. 8	3	25 6,56	3,303	9,0059	,1890	,5189	—8,8866
1394	G Centauri 6	3	25 35,61	2,903	8,9329	,1100	,4628	+8,7382
1395	13 Draconis 6	2	26 16,98	3,607	9,2898	,4564	,5571	—9,2633

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P.M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						s.	″
1351	4	−15 59 28,05	−19,494	+9,6821	+9,4287	−1,2899	−9,3666	16	+,004	+0,04
1352	4	+38 28 35,09	19,495	+9,2923	−9,7815	,2899	,3661	14	+,002	−0,06
1353	4	+13 30 46,37	19,520	+9,5670	−9,3562	,2905	,3559	21	+,030	−0,13
1354	4	+50 22 27,35	19,523	+9,0128	−9,8750	,2905	,3548	19	+,007	−0,11
1355	4	+28 15 45,52	19,551	+9,4440	−9,6641	,2912	,3427	25	−,004	+0,06
1356	4	+43 13 5,85	19,560	+9,2227	−9,8248	−1,2914	−9,3387	27	+,075	−0,03
1357	4	+36 23 25,98	19,570	+9,3444	−9,7626	,2916	,3348	30	+,018	−0,03
1358	4	− 4 9 35,01	19,568	+9,6532	+8,8526	,2915	,3353	32	+,055	−0,12
1359	4	+39 0 18,97	19,587	+9,3096	−9,7887	,2920	,3267	37	−,021	−0,28
1360	4	+68 0 16,45	19,588	−8,5185	−9,9571	,2920	,3261	34	+,028	−0,06
1361	4	+18 12 52,12	19,605	+9,5403	−9,4846	−1,2924	−9,3179	40	−,004	−0,05
1362	4	+ 5 47 4,06	19,619	+9,6138	−8,9928	,2927	,3113	41	+,011	−0,06
1363	4	+ 7 32 18,34	19,627	+9,6053	−9,1075	,2928	,3070	44	−,017	−0,02
1364	4	+65 13 50,56	19,628	−7,3010	−9,9489	,2929	,3064	43	+,001	−0,12
1365	4	+44 23 11,62	19,641	+9,2330	−9,8358	,2932	,2996	46	−,005	−0,04
1366	4	+ 7 29 28,39	19,657	+9,6075	−9,1053	−1,2935	−9,2909	48	−,001	+0,06
1367	4	−19 43 18,01	19,657	+9,6758	+9,5204	,2935	,2909	49	+,015	−0,04
1368	4	−35 15 41,43	19,666	+9,6684	+9,7534	,2937	,2858	55	+,016	−0,22
1369	4	+56 45 15,97	19,689	+8,9138	−9,9145	,2942	,2721	59	−,003	+0,07
1370	4	+ 6 38 45,27	19,690	+9,6128	−9,0538	,2943	,2714	61	+,009	−0,03
1371	4	+27 39 11,12	19,684	+9,4757	−9,6585	−1,2941	−9,2681	63	−,008	+0,05
1372	4	−35 9 32,76	19,703	+9,6637	+9,7531	,2945	,2633	68	+,002	−0,19
1373	4	+ 9 33 56,72	19,708	+9,5999	−9,2125	,2946	,2606	69	+,014	−0,16
1374	7	+ 3 54 42,14	19,718	+9,6243	−8,8236	,2949	,2538	70	−,050	+0,06
1375		+ 3 54	19,718	+9,6243	−8,8236	,2949	,2538	71	−,052	
1376	4	−11 31 33,53	19,730	+9,6628	+9,2947	−1,2951	−9,2461	73	+,022	−0,06
1377	4	+12 52 49,92	19,735	+9,5843	−9,3404	,2952	,2432	75	−,009	−0,11
1378	4	+62 40 29,21	19,737	+8,6434	−9,9418	,2953	,2411	74	−,015	+0,19
1379	4	+ 0 0 34,08	19,737	+9,6385	+6,4570	,2953	,2411	78	+,010	−0,17
1380	4	+ 3 41 38,24	19,742	+9,6253	−8,7993	,2954	,2375	79	+,008	−0,18
1381	4	+40 14 36,20	19,747	+9,3424	−9,8035	−1,2955	−9,2346	80	+,003	−0,08
1382	4	−41 45 58,49	19,751	+9,6405	+9,8173	,2956	,2302	81	+,005	−0,12
1383	4	+ 0 3 28,85	19,757	+9,6375	−6,7585	,2957	,2266	82	+,004	−0,06
1384	4	+ 4 41 12,31	19,760	+9,6222	−8,9042	,2958	,2243	84	+,007	−0,16
1385	4	+ 8 30 31,87	19,760	+9,6064	−9,1627	,2958	,2243	85	+,006	−0,06
1386	4	+44 4 41,99	19,766	+9,2945	−9,8361	−1,2959	−9,2199	87	+,025	+0,10
1387	4	+29 21 37,02	19,775	+9,4742	−9,6842	,2961	,2125	90	+,008	−0,04
1388	4	+ 3 58 16,58	19,785	+9,6253	−8,8325	,2963	,2046	92	+,021	−0,11
1389	4	+15 16 56,86	19,789	+9,5763	−9,4149	,2964	,2007	93	−,007	−0,27
1390	4	−30 10 39,43	19,810	+9,6551	+9,6965	,2969	,1830	99	+,014	−0,06
1391	4	−39 31 43,92	19,810	+9,6355	+9,7989	−1,2969	−9,1822	101	−,017	+0,03
1392	4	+ 4 16 21,42	19,811	+9,6253	−8,8648	,2969	,1814	100	+,007	−0,18
1393	4	+49 28 45,80	19,815	+9,2253	−9,8757	,2970	,1781	102	+,018	−0,12
1394	4	−39 40 39,92	19,821	+9,6325	+9,8005	,2971	,1722	105	−,014	−0,11
1395	4	+70 14 19,69	19,831	+8,0414	−9,9689	,2973	,1620	107	+,020	−0,28

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
1396	279 Hydræ 6	3	11 26 29,10	+2,947	—8,8908	+8,0557	+0,4694	+8,6148
1397	Leonis 7	3	28 5,76	3,091	,8230	7,9662	,4901	—7,9089
1398	282 Hydræ 6	3	28 24,93	2,951	,8947	8,0342	,4700	+8,6271
1399	281 ——— 7	3	28 32,08	2,947	,9001	8,0377	,4694	+8,6450
1400	ϕ Hyd. & Crat. 6.7	3	28 44,59	2,995	,8530	7,9868	,4764	+8,4278
1401	426 Leonis 7	3	28 48,35	3,091	—8,8233	+7,9562	+0,4901	—7,9194
1402	285 Hydræ 6	3	28 50,99	2,955	,8920	8,0249	,4706	+8,6174
1403	285 Urs. Maj. 6.7	3	29 23,14	3,181	,8954	8,0196	,5026	—8,6287
1404	K ——— 5.6	3	29 31,68	3,240	,9670	8,0894	,5105	—8,8128
1405	Hydræ 7	3	29 36,04	2,965	,8841	8,0064	,4720	+8,5874
1406	287 Urs. Maj. 6	3	29 40,36	3,260	—8,9924	+8,1128	+0,5132	—8,8617
1407	Hyd. & Crat. 7	2	31 7,87	3,032	8,8306	7,9300	,4817	+8,1584
1408	291 Urs. Maj. 7.8	3	31 9,01	3,398	9,1677	8,2651	,5312	—9,1187
1409	287 Hydræ 7.8	3	31 35,06	2,957	8,9025	7,9947	,4708	+8,6510
1410	438 Leonis 7	3	31 56,66	3,073	8,8209	7,9069	,4876	—7,3299
1411	o Hydræ 6	1	32 1,59	2,960	—8,9014	+7,9863	+0,4713	+8,6472
1412	297 Urs. Maj. 6	3	32 20,76	3,180	8,9081	7,9877	,5024	—8,6679
1413	81 Hyd. & Crat. 7	3	32 50,08	3,024	8,8376	7,9097	,4806	+8,2722
1414	300 Urs. Maj. 7	3	32 56,82	3,167	8,8955	7,9655	,5006	—8,6273
1415	14 Draconis 6	3	33 11,84	3,443	9,2406	8,3062	,5369	—9,2066
1416	V Hydræ 6	3	33 30,78	2,974	—8,8907	+7,9519	+0,4733	+8,6101
1417	447 Leonis 7	3	33 32,20	3,104	8,8327	,8927	,4919	—8,1907
1418	449 ——— 6	3	33 41,29	3,083	8,8232	,8810	,4890	—7,8151
1419	π Hyd. & Crat. 7	3	33 44,80	3,015	8,8465	,9043	,4793	+8,3678
1420	303 Urs. Maj. 7	4	34 51,46	3,201	8,9545	,9917	,5052	—8,7852
1421	455 Leonis 7.8	3	35 12,51	3,129	—8,8638	+7,8950	+0,4954	—8,4881
1422	457 ——— 7.8	3	35 37,38	3,137	8,8683	,8923	,4965	—8,5119
1423	47 Centauri 6	3	37 35,85	2,940	8,9709	,9584	,4683	+8,8188
1424	469 Leonis 6.7	2	38 28,01	3,125	8,8634	,8322	,4948	—8,4831
1425	Urs. Maj. 8	3	39 4,95	3,215	9,0206	,9755	,5072	—8,9094
1426	472 Leonis 6	4	40 8,82	3,099	—8,8377	+7,7709	+0,4911	—8,2559
1427	——— 8	1	40 28,62	3,099	8,8382	,7639	,4911	—8,2624
1428	327 Urs. Maj. 6	3	41 6,41	3,146	8,9136	,8254	,4978	—8,6811
1429	55 Centauri 5.6	3	42 55,60	2,970	8,9678	,8473	,4728	+8,8118
1430	482 Leonis 7	3	44 16,08	3,094	8,8408	,6707	,4905	—8,2899
1431	Leonis 7.8	3	44 26,99	3,091	—8,8366	+7,6627	+0,4901	—8,2298
1432	c Hydræ 6	3	45 8,44	3,010	8,9053	,7101	,4786	+8,6547
1433	Urs. Maj. 7.8	3	45 13,92	3,126	8,9071	,7099	,4950	—8,6604
1434	15 Virginis 7	3	45 24,04	3,070	8,8232	,6199	,4871	—7,2264
1435	16 ——— 7	3	45 26,54	3,064	8,8236	,6203	,4863	+7,5252
1436	Urs. Maj. 7.8	3	46 4,71	3,162	—9,0136	+7,7896	+0,5000	—8,8968
1437	338 ——— *var*	3	46 35,02	3,151	8,9924	,7533	,4984	—8,8591
1438	20 Virginis 7	3	47 0,63	3,063	8,8244	,5696	,4861	+7,6926
1439	o Leonis *var*	3	47 10,79	3,090	8,8416	,5800	,4900	—8,2962
1440	342 Urs. Maj. 6.7	3	47 18,65	3,181	9,0929	,8265	,5026	—9,0188

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P.M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s.*	″
1396	4	—31 57 28,62	—19,833	+9,6484	+9,7191	—1,2974	—9,1603	110	—,054	+0,75
1397	4	+ 7 1 29,25	19,852	+9,6170	—9,0817	,2978	,1390	113	+,012	—0,05
1398	3	—32 39 17,35	19,855	+9,6425	+9,7283	,2979	,1354	115	+,016	+0,07
1399	4	—33 44 16,69	19,857	+9,6405	+9,7409	,2979	,1335	117	—,002	+0,26
1400	4	—22 2 16,01	19,860	+9,6561	+9,5708	,2980	,1298	118	+,006	—0,03
1401	4	+ 7 10 57,95	19,861	+9,6170	—9,0921	—1,2980	—9,1289	119	+,006	+0,06
1402	4	—32 4 19,38	19,861	+9,6435	+9,7214	,2980	,1289	120	—,002	—0,11
1403	4	+32 47 39,00	19,868	+9,4683	—9,7295	,2981	,1205	121	+,012	—0,10
1404	4	+44 32 21,93	19,870	+9,3365	—9,8420	,2982	,1186	122	—,007	—0,12
1405	4	—30 18 13,28	19,870	+9,6444	+9,6995	,2982	,1186	124	+,011	—0,15
1406	2	+47 44 52,43	19,871	+9,2900	—9,8655	—1,2982	—9,1167	123	+,003	—0,09
1407	1	—12 15 48,22	19,887	+9,6542	+9,3244	,2986	,0961	130	+,014	—0,09
1408	4	+63 18 42,46	19,888	+8,9243	—9,9476	,2986	,0940	129	—,018	—0,01
1409	4	—34 4 1,29	19,892	+9,6314	+9,7452	,2987	,0890	131	+,026	+0,10
1410	2	+ 1 51 59,74	19,896	+9,6335	—8,5058	,2988	,0828	132	+,011	—0,06
1411	4	—33 49 46,12	19,896	+9,6304	+9,7427	—1,2988	—9,0818	133	—,012	+0,11
1412	3	+35 7 55,09	19,900	+9,4564	—9,7567	,2989	,0765	135	+,004	—0,53
1413	4	—15 46 5,01	19,905	+9,6532	+9,4316	,2990	,0691	136	—,002	—0,18
1414	3	+ 32 39 33,41	19,906	+9,4814	—9,7288	,2990	,0670	138	—,058	—0,02
1415	4	+67 39 27,39	19,909	+8,7634	—9,9631	,2990	,0626	139	,000	+0,02
1416	4	—31 34 55,35	19,912	+9,6335	+9,7165	—1,2991	—9,0583	141	+,013	+0,01
1417	4	+13 12 20,66	19,913	+9,5988	—9,3552	,2991	,0572	140	+,011	—0,11
1418	5	+ 5 39 37,48	19,914	+9,6243	—8,9891	,2991	,0550	144	+,002	—0,08
1419	4	—19 22 35,33	19,914	+9,6503	+9,5185	,2991	,0550	145	+,016	—0,02
1420	4	+42 38 17,02	19,925	+9,3909	—9,8281	,2994	,0346	146	+,004	—0,01
1421	4	+24 55 28,88	19,929	+9,5428	—9,6218	—1,2995	—9,0287	147	+,037	—0,16
1422	4	+26 8 1,45	19,932	+9,5366	—9,6412	,2996	9,0216	149	+,010	+0,02
1423	4	—44 46 27,19	19,950	+9,5752	+9,8459	,2999	8,9855	154	+,015	—0,10
1424	4	+24 38 9,00	19,957	+9,5514	—9,6178	,3001	8,9669	156	+,025	—0,08
1425	3	+50 44 16,68	19,962	+9,3139	—9,8870	,3002	8,9531	157	+,017	—0,18
1426	4	+15 11 59,28	19,970	+9,5988	—9,4166	—1,3004	—8,9315	160	—,006	—0,16
1427	4	+15 25 21,83	19,972	+9,5977	—9,4226	,3004	,9241	162	—,013	—0,05
1428	4	+35 50 54,88	19,977	+9,4829	—9,7660	,3005	,9104	164	—,004	—0,03
1429	4	—41 15 17,12	19,986	+9,5611	+9,8427	,3007	,8783	168	+,003	—0,09
1430	4	+16 21 27,97	19,998	+9,5999	—9,4481	,3010	,8289	170	+,021	—0,02
1431	4	+14 20 20,35	19,999	+9,6064	—9,3922	—1,3010	—8,8251	171	+,012	—0,14
1432	4	—34 8 50,58	20,003	+9,5966	+9,7485	,3011	,8039	175	—,026	—0,05
1433	3	+34 32 0,16	20,003	+9,5065	—9,7524	,3011	,8019	176	—,004	—0,19
1434	4	+ 1 28 13,20	20,004	+9,6355	—8,4023	,3011	,7959	178	+,014	—0,06
1435	3	— 2 51 22,37	20,004	+9,6395	+8,7007	,3011	,7959	179	+,020	—0,06
1436	4	+49 51 15,20	20,008	+9,3692	—9,8824	—1,3012	—8,7752	181	—,004	—0,21
1437		+47 23	20,010	+9,4014	—9,8660	,3012	,7601	184	+,024	
1438	4	— 4 12 56,49	20,012	+9,6405	+8,8675	,3013	,7445	188	+,009	—0,01
1439	4	+16 33 56,90	20,013	+9,6021	—9,4540	,3013	,7377	189	—,003	0,00
1440	4	+57 31 1,29	20,014	+9,2742	—9,9253	,3013	,7330	190	—,002	+0,04

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
1441	343 Ursæ Maj. 6.7	4	11 47 27,84	+3,121	—8,9166	+7,6479	+0,4943	—8,6883
1442	344 ——— 6.7	2	47 45,95	3,119	8,9172	,6366	,4940	—8,6899
1443	492 Leonis 7	3	47 58,37	3,086	8,8386	,5506	,4894	—8,2539
1444	——— 7	3	49 14,60	3,088	8,8462	,5088	,4897	—8,3446
1445	Virginis 7.8	3	49 22,03	3,078	8,8299	,4871	,4883	—8,0646
1446	352 Ursæ Maj. 7	3	49 37,93	3,106	—8,9007	+7,5466	+0,4922	—8,6388
1447	——— 7	3	50 0,96	3,132	9,0035	,6319	,4958	—8,8790
1448	Hyd. & Crat. 7.8	3	50 21,91	3,054	8,8366	,4498	,4849	+8,2192
1449	27 Virginis 6.7	3	50 37,18	3,069	8,8237	,4244	,4870	—7,2168
1450	496 Leonis 7	3	51 37,56	3,085	8,8515	,4018	,4893	—8,3921
1451	Virginis 7	3	52 43,93	3,071	—8,8251	+7,3101	+0,4873	—7,7229
1452	360 Ursæ Maj. 6	3	53 42,63	3,102	8,9663	,3892	,4916	—8,8076
1453	——— 7	3	54 6,05	3,100	8,9669	,3601	,4914	—8,8086
1454	Corvi 7.8	1	54 33,86	3,056	8,8544	,2103	,4851	+8,4136
1455	67 Centauri 6	3	55 8,77	3,044	8,9495	,2584	,4834	+8,7709
1456	35 Virginis 7	3	55 9,59	3,066	—8,8252	+7,1278	+0,4866	+7,7278
1457	Leonis 7.8	3	55 34,54	3,076	8,8501	7,1132	,4880	—8,3782
1458	——— 7	3	56 15,67	3,074	8,8436	7,0317	,4877	—8,3137
1459	41 Virginis 7	3	56 16,42	3,069	8,8252	7,0049	,4870	—7,7166
1460	Corvi 7	3	57 49,43	3,064	8,8564	6,7826	,4863	+8,4281
1461	Ursæ Maj. 7.8	3	57 55,32	3,080	—8,9916	+6,9025	+0,4885	—8,8570
1462	——— 7	3	58 23,23	3,081	9,1058	6,8918	,4887	—9,0366
1463	1 Corvi 7	3	58 34,85	3,065	8,8594	6,5785	,4864	+8,4489
1464	47 Virginis 7	3	58 44,37	3,069	8,8368	6,4766	,4870	—8,2169
1465	48 ——— 7	3	58 45,19	3,069	8,8313	6,4711	,4870	—8,0940
1466	49 ——— 7	3	58 48,57	3,068	—8,8262	+6,4360	+0,4869	+7,8357
1467	51 ——— 7	3	59 10,26	3,068	8,8378	6,2558	,4869	—8,2340
1468	52 ——— 6.7	3	59 33,91	3,068	8,8241	+5,7649	,4869	—7,2468
1469	81 Centauri 6.7	3	12 0 23,31	3,071	8,9627	—6,4265	,4873	+8,7999
1470	Ursæ Maj. 6.7	2	0 31,91	3,063	9,0166	—6,5595	,4861	—8,9014
1471	57 Virgins 7	3	0 47,67	3,066	—8,8459	—6,4857	+0,4866	—8,3378
1472	Z Hydræ 6.7	3	1 32,56	3,075	8,9043	6,7994	,4878	+8,6496
1473	10 Corvi 7	3	1 59,38	3,074	8,8634	6,8456	,4877	+8,4738
1474	66 Virginis 6.7	3	2 6,91	3,064	8,8449	6,8527	,4877	—8,3279
1475	19 Comæ Ber. 6.7	3	2 22,83	3,060	8,8786	6,9334	,4857	—8,5526
1476	Hydræ 7	3	3 11,61	3,079	—8,8850	—7,0563	+0,4884	+8,5800
1477	67 Virginis 6.7	3	3 13,70	3,066	8,8255	,0052	,4866	—7,7614
1478	377 Ursæ Maj. 7	3	3 29,19	3,032	9,0990	,3110	,4817	—9,0272
1479	Virginis 7	3	4 49,30	3,062	8,8341	,1787	,4860	—8,1666
1480	27 Comæ Ber. 7	3	4 56,29	3,050	8,8915	,2474	,4813	—8,6054
1481	D Centauri 5.6	3	5 27,00	3,101	—8,9730	—7,3663	+0,4915	+8,8212
1482	76 Virginis 7	3	5 30,36	3,066	8,8244	,2227	,4866	—7,5644
1483	15 Corvi 6.7	3	6 29,15	3,082	8,8506	,3188	,4888	+8,3836
1484	379 Ursæ Maj. 6	3	6 30,76	3,013	9,0580	,5262	,4790	—8,9678
1485	Virginis 7	3	6 50,24	3,055	8,8450	,3343	,4850	—8,3303

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s.*	″
1441	3	+36 15 35,44	—20,014	+9,5021	—9,7710	—1,3013	—8,7307	192	—,002	—0,01
1442	4	+36 22 0,64	20,015	,5038	—9,7721	,3014	,7188	195	—,007	+0,01
1443	4	+15 6 16,08	20,015	,6085	—9,4148	,3014	,7115	196	+,012	—0,16
1444	4	+18 23 11,98	20,022	,5988	—9,4980	,3015	,6622	199	+,007	0,00
1445	4	+ 9 54 21,90	20,022	,6232	—9,2342	,3015	,6567	200	+,015	—0,19
1446	4	+33 11 43,17	20,024	+9,5302	—9,7376	—1,3015	—8,6154	202	+,008	—0,11
1447	4	+48 41 0,50	20,026	,4065	—9,8751	,3016	,6279	204	—,010	—0,05
1448	2	—13 56 37,79	20,027	,6345	+9,3823	,3016	,6128	206	+,027	—0,02
1449	4	+ 1 26 55,62	20,027	,6365	—8,3927	,3016	,6003	207	+,001	+0,03
1450	4	+20 20 19,70	20,031	,5966	—9,5403	,3017	,5500	209	+,003	—0,13
1451	2	+ 4 33 4,04	20,034	+9,6345	—8,8976	—1,3018	—8,4818	214	+,017	—0,21
1452	4	+43 57 39,80	20,036	,4698	—9,8411	,3018	,4227	217	—,024	—0,03
1453	4	+44 1 32,93	20,037	,4698	—9,8417	,3018	,3931	218	—,014	—0,58
1454	4	—21 14 2,59	20,038	,6159	+9,5591	,3019	,3558	219	+,013	—0,10
1455	4	—41 30 31,64	20,039	,5302	+9,8213	,3019	,3088	220	+,042	—0,06
1456	4	— 4 33 37,82	20,039	+9,6385	+8,9025	—1,3019	—8,3025	221	+,009	—0,12
1457	4	+19 44 13,57	20,040	,6053	—9,5280	,3019	,2630	223	+,002	—0,13
1458	4	+17 11 20,07	20,041	,6128	—9,4700	,3019	,1880	226	+,016	—0,11
1459	4	+ 4 29 33,72	20,041	,6355	—8,8914	,3019	,1797	227	+,013	—0,13
1460	4	—21 52 38,85	20,042	,6085	+9,5717	,3019	7,9261	231	+,022	+0,04
1461	4	+47 12 16,47	20,042	+9,4609	—9,8654	—1,3019	—7,9109	232	+,005	+0,03
1462	4	+58 31 11,10	20,042	,3463	—9,9307	,3020	,7859	233	—,013	+0,02
1463	4	—22 50 50,67	20,042	,6042	+9,5895	,3020	,7190	234	+,009	+0,13
1464	4	+13 54 23,06	20,042	,6232	—9,3801	,3020	,6398	235	+,008	—0,11
1465	5	+10 34 54,86	20,043	,6294	—9,2627	,3020	,6398	236	+,010	—0,02
1466	5	— 5 50 51,82	20,043	+9,6355	+9,0095	—1,3020	—7,6098	237	+,015	—0,09
1467	3	+14 26 8,37	20,043	,6222	—9,3961	,3020	7,4180	239	+,015	—0,08
1468	4	+ 1 32 29,79	20,043	,6375	—8,4227	,3020	6,9108	238	+,009	—0,09
1469	5	—43 24 14,95	20,043	,4955	+9,8371	,3020	+7,4637	243	—,006	—0,17
1470	4	+50 6 10,63	20,043	,4487	—9,8848	,3020	+7,5429	244	+,015	—0,17
1471	3	+18 6 21,22	20,043	+9,6170	—9,4919	—1,3020	+7,6398	245	+,017	—0,19
1472	3	—33 47 3,88	20,043	,5527	+9,7453	,3020	7,8951	247	—,002	+0,04
1473	4	—24 2 20,58	20,042	,5933	+9,6104	,3019	7,9822	1	+,013	+0,06
1474	4	+17 43 40,96	20,042	,6191	—9,4829	,3019	8,0078	2	+,011	—0,05
1475	4	+28 12 3,93	20,042	,5888	—9,6739	,3019	8,0548	3	+,017	—0,02
1476	4	—29 41 8,69	20,041	+9,5682	+9,6950	—1,3019	+8,1713	5	+,004	—0,10
1477	4	+ 4 58 21,79	20,041	,6365	—8,9359	,3019	,1797	6	—,004	0,00
1478	4	+57 58 22,15	20,040	,3874	—9,9281	,3019	,2119	8	—,001	—0,08
1479	3	+12 26 7,01	20,038	,6324	—9,3324	,3019	,3415	11	+,018	+0,04
1480	4	+31 12 3,34	20,038	,5832	—9,7138	,3019	,3558	12	+,009	+0,07
1481	4	—44 48 22,86	20,037	+9,4631	+9,8181	—1,3018	+8,3931	15	—,010	—0,09
1482	4	+ 3 10 45,38	20,037	,6375	—8,7398	,3018	,3982	16	+,001	—0,06
1483	4	—19 55 35,72	20,035	,5999	+9,5328	,3018	,4680	18	+,021	+0,03
1484	3	+51 21 9,19	20,035	,4425	—9,9096	,3018	,4680	19	+,005	—0,10
1485	4	+17 49 29,66	20,034	,6253	—9,4851	,3018	,4890	20	+,012	0,00

No.	Star's name and Mag.	No. Obs.	Right Ascension. Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
1486	λ^1 Corvi 7	3	12 7 1,09	+3,078	—8,8353	—7,3366	+0,4883	+8,1928
1487	λ^2 ——— 7.8	3	7 20,98	3,078	8,8348	,3556	,4883	+8,1841
1488	D Virginis 6	3	7 36,84	3,055	8,8404	,3762	,4850	—8,2754
1489	*c* Canum. Ven. 6.7	3	7 50,50	3,026	8,9195	,4962	,4809	—8,7712
1490	*h* Comæ. Ber. 6	3	7 59,21	3,045	8,8658	,4231	,4836	—8,4890
1491	*l* Canum. Ven. 5	3	8 11,90	3,035	—8.9048	—7,4691	+0,4822	—8,6518
1492	95 Virginis 7.8	3	9 31,72	3,066	8,8239	,4552	,4866	—7,4578
1493	G ——— 7	3	9 41,99	3,071	8,8241	,4613	,4873	+7,5501
1494	100 ——— 7.8	3	10 3,30	3,059	8,8288	,4831	,4856	—8,0207
1495	H ——— 7	3	10 3,65	3,076	8,8277	,4793	,4880	+7,9713
1496	18 Canum. Ven. 7		10	3,028	—8,9030	—7,5602	+0,4812	—8,6464
1497	43 Comæ. Ber. 7	3	10 42,60	3,036	8,8731	,5520	,4823	—8,5287
1498	Virginis 7	3	10 46,40	3,048	8,8439	,5254	,4840	—8,3208
1499	H ——— 7	3	10 51,30	3,077	8,8277	,5118	,4881	+7,9721
1500	45 Comæ. Ber. 6.7	1	11 13,49	3,031	8,8818	,5789	,4816	—8,5683
1501	19 Draconis 6.7		11	2,796	—9,4412	—8,1458	+0,4465	—9,4282
1502	46 Comæ. Ber. 6.7	3	11 32,24	3,030	8,8830	7,5926	,4814	—8,5733
1503	26 Corvi 6.7	1	11 38,96	3,095	8,8540	,5685	,4907	+8,4139
1504	388 Urs. Maj. 5.6	3	11 39,61	2,986	9,0141	,7286	,4751	—8,8975
1505	109 Virginis 7.8	3	11 42,57	3,050	8,8379	,5548	,4843	—8,2437
1506	51 Comæ. Ber. 6.7	2	12 0,53	3,032	—8,8730	—7,5995	+0,4817	—8,5283
1507	114 Virginis 7	3	12 27,28	3,046	8,8413	,5866	,4837	—8,2930
1508	391 Urs. Maj. 6	2	12 49,47	2,943	9,1082	,8625	,4688	—9,0401
1509	59 Comæ. Ber. 7	3	13 52,88	3,029	8,8682	,6568	,4813	—8,5048
1510	——— 7.8	3	14 22,26	3,035	8,8530	,6577	,4822	—8,4080
1511	Corvi. 7.8	2	14 25,92	3,106	—8,8622	—7,6690	+0,4922	+8,4713
1512	127 Virginis 7	3	14 41,05	3,077	8,8257	,6403	,4881	+7,8728
1513	129 ——— 7	3	14 46,91	3,074	8,8241	,6406	,4877	+7,6766
1514	κ^1 Centauri 5.6	3	14 55,55	3,129	8,9070	,7293	,4954	+8,6603
1515	24 Canum Ven. 6.7	2	15 38,83	2,981	8,9618	,8028	,4744	—8,7991
1516	Comæ. Ber. 7		15	3,021	—8,8719	—7,7166	+0,4801	—8,5250
1517	136 Virginis 7	2	15 51,55	3,084	8,8289	,6754	,4891	+8,0503
1518	396 Urs. Maj. 5.6	2	15 58,95	2,946	9,0379	,8861	,4692	—8,9371
1519	x^2 Centauri 6.7	3	16 42,10	3,135	8,9056	,7732	,4962	+8,6563
1520	*y* Comæ. Ber. 6	2	16 56,86	3,022	8,8648	,7409	,4803	—8,4877
1521	399 Urs. Maj. 6.7	3	17 8,12	2,909	—9,0944	—7,9740	+0,4637	—9,0213
1522	*b* Canum Ven. 5.6	3	17 42,40	2,981	8,9377	,8320	,4744	—8,7448
1523	147 Virginis 6.7	3	17 42,63	3,037	8,8414	,7358	,4824	—8,3011
1524	*o* Centauri 6.7	3	18 11,23	3,135	8,8938	,7993	,4962	+8,6172
1525	402 Urs. Maj. 7	3	18 37,25	2,905	9,0754	,9904	,4631	—8,9943
1526	37 Corvi 6	3	19 16,26	3,109	—8,8389	—7,7692	+0,4913	+8,2721
1527	Comæ. Ber. 7	2	19 17,34	3,005	8,8805	7,8122	,4778	—8,5661
1528	160 Virginis 6.7	3	19 18,85	3,049	8,8283	7,7600	,4842	—8,0459
1529	403 Urs. Maj. 7	3	19 41,84	2,892	9,0815	8,0220	,4612	—9,0031
1530	174 Virginis 7	3	20 42,24	3,071	8,8215	7,7834	,4873	+6,8497

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s.*	″
1486	4	—13 9 10,70	—20,033	+9,6191	+9,3573	—1,3017	+8,5011	21	+,021	—0,01
1487	4	—12 53 51,57	20,032	,6191	+9,3191	,3017	,5205	25	+,019	+0,10
1488	4	+15 49 7,46	20,031	,6304	—9,4317	,3017	,5355	26	—,007	—0,04
1489	4	+41 34 47,59	20,031	,5416	—9,8214	,3017	,5464	27	+,005	+0,03
1490	4	+24 51 45,70	20,030	,6117	—9,6229	,3018	,5570	28	+,005	—0,11
1491	3	+33 59 0,38	20,030	+9,5798	—9,7467	—1,3017	+8,5640	29	+,007	—0,19
1492	4	+ 2 29 35,27	20,025	,6395	—8,6334	,3016	,6309	31	+,007	—0,08
1493	3	— 3 1 51,58	20,025	,6345	+8,7256	,3015	,6368	33	,000	+0,12
1494	4	+ 8 58 54,41	20,023	,6395	—9,1915	,3015	,6539	36	+,010	—0,03
1495	1	— 7 58 58,48	20,023	,6274	+9,1431	,3015	,6511	35	+,010	—0,07
1496	4	+33 39 59,28	20,023	+9,5866	—9,7430	—1,3015	+8,6567	37		+0,09
1497	4	+26 55 35,97	20,021	,6117	—9,6551	,3015	,6784	39	+,014	+0,01
1498	4	+17 28 20,60	20,020	,6314	—9,4764	,3015	,6810	40	+,008	—0,30
1499	6	— 7 59 41,10	20,020	,6263	+9,1439	,3015	,6857	44	+,012	+0,03
1500	4	+29 4 46,33	20,019	,6053	—9,6859	,3014	,6965	43	+,005	—0,21
1501	4	+76 4 39,46	20,018	+9,1875	—9,9864	—1,3014	+8,7041	45		+0,05
1502	4	+29 22 51,80	20,017	,6053	—9,6897	,3014	,7090	46	+,015	—0,10
1503	4	—21 15 23,34	20,017	,5855	+9,5593	,3014	,7139	47	—,008	+0,05
1504	3	+49 53 59,05	20,017	,5051	—9,8828	,3014	,7139	48	+,017	—0,08
1505	2	+14 46 17,05	20,016	,6365	—9,4053	,3014	,7164	49	+,003	—0,08
1506	4	+26 55 6,28	20,015	+9,6138	—9,6547	—1,3013	+8,7260	52	+,005	+0,07
1507	3	+16 27 29,84	20,012	,6355	—9,4510	,3013	,7445	55	+,009	+0,08
1508	4	+58 47 1,02	20,011	,4362	—9,9312	,3013	,7535	56	+,031	—0,09
1509	3	+25 41 24,37	20,006	,6212	—9,6358	,3012	,7877	57	+,008	0,00
1510	3	+21 3 58,53	20,003	,6314	—9,5541	,3011	,8039	60	+,023	—0,03
1511	4	—23 57 19,44	20,002	+9,5694	+9,6081	—1,3011	+8,8058	61	+,014	+0,12
1512	4	— 6 23 0,34	20,000	,6274	+9,0462	,3010	,8137	63	+,014	—0,04
1513	4	— 4 3 23,53	20,000	,6314	+8,8516	,3010	,8156	65	+,009	—0,02
1514	3	—31 29 48,39	19,999	,5065	+9,7523	,3010	,8213	66	—,016	—0,20
1515	3	+43 27 27,85	19,996	,5599	—9,8362	,3009	,8400	67	+,002	+0,02
1516	4	+26 46 2,85	19,995	+9,6232	—9,6520	—1,3009	+8,8436	68		+0,03
1517	3	— 9 33 43,17	19,994	,6201	+9,2203	,3009	,8454	69	+,005	+0,04
1518	3	+52 28 38,42	19,994	,5065	—9,8981	,3009	,8472	71	+,007	+0,05
1519	4	—34 16 13,85	19,987	,5024	+9,7495	,3008	,8665	74	+,027	—0,01
1520	4	+24 50 33,23	19,988	,6284	—9,6217	,3007	,8749	75	+,020	—0,15
1521	3	+57 41 35,22	19,986	+9,4713	—9,9256	—1,3007	+8,8783	76	+,004	—0,06
1522	3	+39 56 0,55	19,982	,5832	—9,8058	,3006	,8930	79	,000	—0,23
1523	4	+16 46 44,67	19,982	,6415	—9,4584	,3006	,8930	78	+,006	+0,18
1524	4	—31 54 50,91	19,979	,5132	+9,7220	,3006	,9042	80	,000	—0,08
1525	4	+56 4 23,62	19,976	,4914	—9,9174	,3005	,9135	83	+,023	0,00
1526	4	—15 43 7,10	19,971	+9,5966	+9,4317	—1,3004	+8,9286	87	+,007	—0,09
1527	4	+29 1 27,92	19,970	,6243	—9,6840	,3004	,9301	90	—,028	—0,10
1528	4	+ 9 31 27,68	19,970	,6454	—9,2160	,3004	,9301	88	+,020	—0,09
1529	3	+56 37 37,48	19,967	,4941	—9,9200	,3003	,9389	93	—,013	—0,04
1530	2	— 1 30 53,33	19,960	,6355	+8,9256	,3002	,9601	98	+,002	+0,06

No.	Star's Name and Mag.	No. Obs.	Right Ascension. Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
1531	Virginis 7.8	2	12 21 5,27	+3,056	—8,8242	—7,7943	+0,4851	—7,8225
1532	83 Comæ. Ber. 6 7	2	21 25,90	3,018	8,8541	7,8310	,4797	—8,4236
1533	187 Virginis 7	3	21 27,25	3,033	8,8381	7,8150	,4819	—8,2659
1534	32 Canum. Ven. 6.7	2	22 13,08	2,898	9,0365	8,0293	,4621	—8,9355
1535	405 Urs. Maj. 6	3	22 13,22	2,848	9,1136	8,1063	,4545	—9,0479
1536	193 Virginis 7	3	22 22,82	3,075	—8,8224	—7,8178	+0,4878	+7,5647
1537	22 Draconis 6	2	22 49,73	2,698	9,2894	8,2937	,4310	—9,2626
1538	Corvi 6.7	3	23 14,56	3,104	8,8363	7,8481	,4919	+8,2441
1539	212 Virginis 7	3	25 11,25	3,046	8,8261	7,8737	,4837	—7,9992
1540	Corvi 7	2	25 26,21	3,130	8,8560	7,9070	,4955	+8,4416
1541	*p* Canum. Ven. 6.7	3	25 30,00	2,967	—8,9033	—7,9554	+0,4723	—8,6523
1542	218 Virginis 7	2	25 56,42	3,069	8,8210	7,8833	,4870	+6,7761
1543	221 —— 7	3	26 7,72	3,045	8,8260	7,8882	,4836	—8,0015
1544	Comæ. Ber. 7	1	26 32,20	2,995	8,8640	7,9339	,4764	—8,4916
1545	109 Centauri 6	3	26 54,78	3,201	8,9375	8,0128	,5053	+8,7467
1546	24 Draconis 6	5	27 42,53	2,599	—9,3058	—8,3939	+0,4148	—9,2812
1547	240 Virginis 7	3	28 45,61	3,039	8,8266	7,9312	,4827	—8,0525
1548	—— 7.8	3	29 24,89	3,050	8,8225	7,9371	,4843	—7,8320
1549	Draconis 7	3	29 57,10	2,557	9,3090	8,4303	,4077	—9,2848
1550	254 Virginis 7	3	30 16,81	3,022	8,8345	7,9616	,4803	—8,2384
1551	43 Canum. Ven. 6.7	3	30 48,93	2,907	—8,9471	—8,0810	+0,4634	—8,7705
1552	104 Comæ. Ber. 7	3	30 50,28	2,990	8,8576	7,9924	,4757	—8,4589
1553	261 Virginis 7	3	31 0,30	3,084	8,8217	7,9593	,4891	+7,7803
1554	113 Centauri 6 7	3	32 20,77	3,259	8,9720	8,1280	,5129	+8,8235
1555	107 Comæ. Ber. 7	3	33 2,61	2,950	8,8877	8,0526	,4698	—8,6035
1556	51 Canum. Ven. 7	3	34 18,43	2,930	—8,9033	—8,0847	+0,4669	—8,6572
1557	o Urs. Maj. 6.7	3	34 19,59	2,664	9,1707	,3521	,4255	—9,1228
1558	Canum. Ven. 7	2	34 56,44	3,029	8,8268	,0158	,4813	—8,1068
1559	111 Comæ. Ber. 6.7	3	35 10,03	2,964	8,8688	,0603	,4719	—8,5259
1560	59 Canum. Ven. 6	3	37 10,06	2,885	8,9348	,1514	,4601	—8,7442
1561	*d** Virginis 6.7	3	37 17,12	3,035	—8,8229	—8,0410	+0,4822	—7,9951
1562	311 —— 7	1	38 7,16	3,028	8,8247	,0521	,4812	—8,0714
1563	118 Comæ. Ber. 7	3	38 25,86	2,964	8,8605	,0918	,4719	—8,4870
1564	Virginis 7.8	3	38 27,95	3,095	8,8209	,0522	,4907	+7,9016
1565	314 —— 6	3	38 39,71	3,041	8,8207	,0543	,4830	—7,8962
1566	316 Virginis 7	3	38 42,39	3,029	—8,8242	—8,0585	+0,4813	—8,0610
1567	122 Comæ. Ber. 7	3	39 52,11	2,960	8,8598	,1069	,4713	—8,4852
1568	327 Virginis 6.7	3	39 58,33	3,008	8,8311	,0796	,4783	—8,2278
1569	Comæ. Ber. 7.8	3	40 6,26	2,982	8,8447	,0947	,4745	—8,3829
1570	332 Virginis 7	3	40 32,79	3,014	8,8283	,0826	,4791	—8,1798
1571	26 Draconis 6	3	40 48,14	2,490	—9,2371	—8,4944	+0,3962	—9,2033
1572	66 Canum. Ven. 7	3	41 5,29	2,789	9,0028	,2636	,4454	—8,8827
1573	339 Virginis 7	3	41 35,61	3,097	8,8197	,0855	,4909	+7,8898
1574	F Centauri 6	3	41 45,51	3,227	8,8935	,1615	,5088	+8,6310
1575	Virginis 7	3	41 58,44	3,038	8,8198	,0899	,4826	—7,9119

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						*s.*	″
1531	4	+ 5 45 0,41	—19,957	+9,6444	—8,9964	—1,3001	+8,9683	99	+,005	+0,02
1532	3	+21 48 42,55	19,954	,6415	—9,5675	,3000	,9750	102	+,029	+0,03
1533	4	+15 33 47,88	19,954	,6464	—9,4259	,3000	,9750	103	+,008	+0,02
1534	4	+52 26 52,72	19,947	,5340	—9,8969	,2999	,9907	106	—,011	+0,09
1535	5	+59 18 52,09	19,947	,4857	—9,9323	,2999	,9907	107	+,015	+0,09
1536	3	— 3 8 49,49	19,946	+9,6314	+8,7401	—1,2998	+8,9932	108	+,014	+0,05
1537	4	+70 6 55,18	19,942	,3838	—9,9710	,2998	9,0021	110	+,005	+0,12
1538	4	—14 48 7,17	19,938	,5950	+9,4055	,2997	,0095	112	+,009	—0,22
1539	4	+ 8 35 17,81	19,920	,6493	—9,1704	,2993	,0449	118	+,014	—0,03
1540	4	—22 38 4,73	19,918	,5533	+9,5828	,2992	,0483	121	+,030	+0,07
1541	4	+34 9 35,48	19,917	+9,6253	—9,7463	—1,2992	+9,0494	122	—,011	—0,07
1542	4	— 0 29 52,17	19,903	,6365	+7,9522	,2989	,0594	125	+,011	—0,11
1543	4	+ 8 38 51,96	19,911	,6493	—9,1727	,2991	,0594	127	+,018	—0,05
1544	2	+25 8 1,15	19,906	,6464	—9,6246	,2990	,0670	128	—,005	—0,16
1545	4	—40 6 43,29	19,903	,4082	+9,8062	,2989	,0723	131	+,008	—0,09
1546	4	+70 55 56,78	19,895	+9,4099	—9,9722	—1,2987	+9,0849	135	+,023	—0,01
1547	4	+ 9 42 20,03	19,883	,6522	—9,2223	,2985	,1011	139	—,014	—0,10
1548	4	+ 5 53 46,17	19,875	,6483	—9,0059	,2983	,1109	141	,000	—0,14
1549	4	+71 5 39,55	19,870	,4232	—9,9721	,2982	,1176	144	+,035	+0,02
1550	4	+14 42 53,93	19,865	,6561	—9,4001	,2981	,1233	145	+,005	—0,12
1551	4	+41 47 1,73	19,860	+9,6170	—9,8194	—1,2980	+9,1299	150	+,013	—0,05
1552	4	+23 34 9,76	19,860	,6551	—9,5973	,2980	,1308	148	+,010	+0,02
1553	4	— 5 11 34,00	19,857	,6232	+8,9546	,2979	,1335	152	+,013	—0,12
1554	4	—45 14 31,79	19,841	,3096	+9,8471	,2976	,1516	153	—,018	—0,11
1555	4	+31 20 38,86	19,833	,6493	—9,7112	,2974	,1603	155	+,015	—0,07
1556	4	+34 35 56,21	19,816	+9,6454	—9,7489	—1,2970	+9,1764	162	—,024	—0,17
1557	4	+63 37 11,09	19,816	,5145	—9,9472	,2970	,1764	163	+,020	—0,04
1558	4	+11 0 33,58	19,809	,6580	—9,2748	,2969	,1838	166	+,015	—0,05
1559	4	+27 2 0,35	19,806	,6599	—9,6519	,2968	,1863	169	+,009	
1560	4	+40 10 32,40	19,777	,6405	—9,8036	,2962	,2108	171	—,005	—0,01
1561	4	+ 8 34 37,03	19,775	+9,6561	—9,1664	—1,2961	+9,2123	172	+,003	—0,07
1562	4	+10 11 20,13	19,763	,6589	—9,2407	,2959	,2214	175	+,012	—0,19
1563	4	+25 3 25,04	19,759	,6665	—9,6203	,2958	,2251	179	+,007	—0,37
1564	4	— 6 53 40,45	19,759	,6138	+9,0745	,2958	,2251	178	+,015	—0,10
1565	4	+ 6 51 23,43	19,755	,6542	—9,0692	,2957	,2273	180	+,013	—0,02
1566	4	+ 9 57 58,87	19,755	+9,6599	—9,2305	—1,2957	+9,2280	181	+,018	—0,20
1567	2	+24 59 49,30	19,738	,6684	—9,6187	,2953	,2404	185	+,006	—0,05
1568	4	+14 27 22,13	19,735	,6656	—9,3899	,2953	,2418	186	+,002	—0,12
1569	4	+20 13 25,05	19,734	,6693	—9,5314	,2952	,2432	187	+,014	—0,10
1570	4	+13 0 17,82	19,727	,6646	—9,3446	,2951	,2475	188	+,041	—0,11
1571	4	+67 41 31,59	19,723	+9,5172	—9,9591	—1,2950	+9,2503	190	+,044	0,00
1572	4	+49 21 59,86	19,718	,6221	—9,8729	,2949	,2538	191	+,019	—0,09
1573	3	— 6 43 55,11	19,710	,6128	+9,0629	,2947	,2586	193	+,004	—0,04
1574	4	—33 5 49,96	19,707	,4232	+9,7301	,2946	,2606	194	+,002	0,00
1575	3	+ 7 7 43,10	19,705	,6561	—9,0846	,2946	,2627	195	+,005	—0,07

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Anuual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
1576	Centauri 7	3	12 42 58,85	+3,238	—8,8988	—8,1793	+0,5103	+8,6489
1577	Comæ. Ber. 7	3	43 2,99	2,977	,8432	,1244	,4738	—8,3780
1578	——— 7	3	43 44,72	2,975	,8430	,1310	,4735	—8,3777
1579	134 ——— 7	4	43 59,79	2,985	,8374	,1288	,4749	—8,3262
1580	135 ——— 7	3	44 10,18	2,985	,8375	,1301	,4749	—8,3271
1581	355 Virginis 7	3	44 31,00	3,133	—8,8289	—8,1249	+0,4960	+8,2156
1582	Comæ. Ber. 7.8	3	45 2,09	2,931	,8681	,1694	,4670	—8,5349
1583	363 Virginis 7	3	45 3,03	3,106	,8198	,1211	,4922	+7,9731
1584	140 Comæ. Ber. 7	3	45 53,75	2,928	,8678	,1775	,4666	—8,5346
1585	Centauri 7	3	45 57,42	3,304	,9400	,2504	,5190	+8,7605
1586	130 Centauri 6	3	46 8,92	3,310	—8,9440	—8,2564	+0,5198	+8,7698
1587	Virginis 7	2	46 54,05	3,085	8,8155	8,1349	0,4893	+7,6174
1588	o Camelop. 6.7	3	47 52,60	0,301	9,8161	9,1423	9,4786	—9,8139
1589	o ——— 6	3	48 0,70	0,293	9,8160	9,1435	9,4669	—9,8138
1590	Virginis 6.7	3	48 17,87	3,018	8,8210	8,1534	0,4797	—8,0685
1591	Y Draconis 6	3	48 52,77	2,421	—9,2097	—8,5470	+0,3840	—9,1714
1592	393 Virginis 7	3	48 55,44	3,022	8,8194	8,1573	,4803	—8,0209
1593	342 Hydræ 7	2	49 23,25	3,185	8,8471	8,1892	,5031	+8,4241
1594	397 Virginis 6.7	4	49 34,25	3,016	8,8205	8,1644	,4794	—8,0687
1595	344 Hydræ 6.7	3	50 10,11	3,178	8,8422	8,1915	,5021	+8,3899
1596	153 Comæ. Ber. 7	3	50 34,92	2,944	—8,8489	—8,2017	+0,4689	—8,4392
1597	137 Centauri 6.7	5	51 32,08	3,260	8,8874	,2484	,5132	+8,6192
1598	——— 6	3	52 1,26	3,262	8,8877	,2534	,5135	+8,6209
1599	———		52	3,261	8,8870	,2526	,5133	+8,6184
1600	84 Canum. Ven. 7	3	52 32,10	2,873	8,8869	,2566	,4583	—8,6187
1601	159 Comæ. Ber. 6.7	3	52 33,38	2,962	—8,8372	—8,2074	+0,4716	—8,3550
1602	418 Urs. Maj. 5.6	4	53 37,91	2,585	9,0784	,4577	,4125	—9,0032
1603	32 Draconis 5.6	3	53 39,24	2,319	9,2280	,6073	,3653	—9,1935
1604	*q* Centauri 6.7	1	54 41,91	3,277	8,8896	,2782	,5155	+8,6301
1605	Comæ. Ber. 6.7	3	55 9,37	2,921	8,8527	,2446	,4655	—8,4735
1606	33 Draconis 6	3	55 18,88	2,397	—9,1765	—8,5695	+0,3797	—9,1319
1607	Urs. Maj. 8	3	57 34,33	2,597	9,0483	,4594	,4145	—8,9602
1608	174 Comæ. Ber. 6.7	3	58 17,56	2,874	8,8715	,2884	,4585	—8,5690
1609	172 ——— 7	2	58 20,81	2,924	8,8460	,2628	,4660	—8,4402
1610	Hydræ 7	3	59 48,54	3,210	8,8124	,2719	,5065	+8,4207
1611	420 Ursæ Maj. 6.7	3	59 50,75	2,392	—9,1503	—8,5788	+0,3788	—9,0998
1612	Comæ. Ber. 7	2	13 1 0,08	2,944	8,8338	,2709	,4689	—8,3566
1613	181 ——— 6.7	3	1 41,16	2,955	8,8289	,2710	,4706	—8,3119
1614	*g* Canum. Ven. 6.7	2	2 5,75	2,774	8,9195	,3645	,4431	—8,7220
1615	456 Virginis 6	1	2 12,95	3,126	8,8132	,2597	,4950	+8,0194
1616	99 Canum. Ven. 7	2	2 26,04	2,770	—8,9205	—8,3683	+0,4425	—8,7246
1617	100 ——— 6.7	2	2 27,80	2,772	8,9191	,3674	,4428	—8,7212
1618	Urs. Maj. 7.8	3	2 45,83	2,495	9,0793	,5291	,3971	—9,0062
1619	*m* Centauri 5 6	1	2 53,03	3,341	8,9046	,3558	,5239	+8,6835
1620	Urs. Maj. 7.8	3	3 22,85	2,462	9,0937	,5483	,3913	—9,0262

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P.M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						s.	″
1576	4	−34 10 57,98	−19,688	+9,4038	+9,7424	−1,2942	+9,2727	197	+,002	−0,01
1577	5	+20 3 32,39	19,687	,6739	−9,5269	,2942	,2734	198	+,009	−0,17
1578	1	+20 4 12,81	19,676	,6748	−9,5267	,2939	,2799	202	+,014	−0,11
1579	2	+17 58 24,35	19,671	,6739	−9,4807	,2938	,2892	204	+,007	+0,06
1580	4	+18 0 32,00	19,669	,6739	−9,4814	,2938	,2845	206	+,017	−0,02
1581	1	−14 4 5,28	19,663	+9,5729	+9,3784	−1,2936	+9,2877	207	+,017	+0,04
1582	2	+27 41 46,54	19,654	,6767	−9,6583	,2934	,2928	211	+,011	−0,01
1583	4	− 8 9 50,01	19,655	,6042	+9,1448	,2934	,2928	210	+,009	−0,09
1584	4	+27 40 40,42	19,639	,6785	−9,6580	,2931	,3009	217	+,022	+0,01
1585	4	−41 23 36,74	19,638	,2856	+9,8117	,2931	,3015	215	+,014	−0,07
1586	4	−42 1 4,54	19,634	+9,2718	+9,8172	−1,2930	+9,3034	218	+,004	0,00
1587	4	− 3 36 34,03	19,621	,6232	+8,7926	,2927	,3101	219	+,006	+0,13
1588	4	+84 18 51,42	19,608	,3962	−9,9883	,2924	,3167	230	−,018	−0,11
1589	4	+84 18 35,23	19,605	,3979	−9,9882	,2924	,3179	232	+,014	−0,05
1590	1	+10 12 34,83	19,596	,6665	−9,2377	,2922	,3226	224	+,019	−0,19
1591	4	+66 20 8,35	19,586	+9,5670	−9,9517	−1,2919	+9,3273	228	+,017	+0,04
1592	4	+ 9 11 18,48	19,584	,6646	−9,1914	,2919	,3279	227	+,003	+0,07
1593	4	−22 9 37,74	19,576	,5065	+9,5667	,2917	,3319	229	+,017	−0,06
1594	4	+10 13 57,04	19,572	,6674	−9,2378	,2916	,3336	231	+,013	−0,21
1595	4	−20 39 10,65	19,561	,5172	+9,5371	,2914	,3387	234	+,003	−0,13
1596	4	+22 56 50,75	19,554	+9,6866	−9,5796	−1,2912	+9,3121	235	+,023	−0,26
1597	8	−32 36 34,14	19,535	,3874	+9,7206	,2908	,3499	238	+,001	−0,03
1598	3	−32 43 52,49	19,524	,3856	+9,7218	,2906	,3543	239	,000	+0,06
1599		−32	19,524	,3856	+9,7200	,2906	,3543	240		
1600	4	+32 40 13,48	19,515	,6884	−9,7202	,2904	,3581	244	+,005	−0,06
1601	4	+19 15 40,94	19,514	+9,6857	−9,5061	−1,2903	+9,3586	243	+,031	+0,06
1602	4	+57 15 27,84	19,492	,6345	−9,9126	,2899	,3671	248	+,012	+0,02
1603	4	+67 29 20,30	19,492	,5809	−9,9533	,2899	,3671	250	−,016	+0,02
1604	4	−33 21 40,26	19,469	,3636	+9,7279	,2893	,3760	251	+,016	+0,06
1605	4	+24 42 50,27	19,461	,6937	−9,6079	,2892	,3791	253	+,007	−0,14
1606	4	+64 29 51,99	19,458	+9,6064	−9,9425	−1,2891	+9,3801	255	−,008	0,00
1607	4	+54 44 29,68	19,410	,6571	−9,8979	,2880	,3971	264	+,025	−0,20
1608	4	+29 54 50,36	19,393	,7007	−9,6831	,2877	,4025	268	+,004	−0,13
1609	4	+23 9 50,59	19,393	,6972	−9,5799	,2877	,4025	270	+,024	−0,02
1610	4	−22 13 15,71	19,359	,4829	+9,5631	,2869	,4135	274	−,001	−0,10
1611	4	+62 55 39,74	19,359	+9,6314	−9,9314	−1,2869	+9,4135	278	+,026	−0,06
1612	4	+19 30 25,09	19,333	,6964	−9,5071	,2863	,4214	279	+,003	−0,03
1613	3	+17 43 49,69	19,318	,6937	−9,4669	,2859	,4260	283	+,004	−0,10
1614	3	+39 24 50,20	19,309	,7033	−9,7862	,2857	,4287	4	−,017	−0,17
1615	4	− 9 13 21,47	19,304	,5855	+9,1898	,2856	,4301	3	−,004	+0,07
1616	2	+39 36 13,08	19,299	+9,7041	−9,7877	−1,2855	+9,4314	5	+,011	−0,15
1617	3	+39 22 39,90	19,297	,7041	−9,7856	,2855	,4319	6	−,001	−0,01
1618	3	+57 42 42,45	19,293	,6637	−9,9103	,2854	,4332	8	+,002	+0,08
1619	4	−36 55 29,33	19,279	,2624	+9,7623	,2851	,4346	7	−,024	+0,09
1620	2	+58 55 28,85	19,277	,6609	−9,9156	,2850	,4377	11	,000	−0,06

No.	Star's name and Mag.	No. Obs.	Right Ascension. Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
1621	421 Urs. Maj. 7	3	13 3 26,28	+2,347	—9,1512	—8,6058	+0,3705	—9,1014
1622	101 Canum. Ven. 7.8	3	3 57,58	2,746	8,9331	,3920	,4387	—8,7555
1623	190 Comæ. Ber. 7	3	4 11,73	2,895	,8496	,3100	,4616	—8,4772
1624	193 ——— 7	3	4 32,44	2,936	,8323	,2950	,4678	—8,3579
1625	465 Virginis 6.7	2	4 39,46	3,189	,8280	,2916	,5036	+8,3171
1626	110 Canum Ven. 6.7	3	5 53,60	2,843	—8,8710	—8,3431	+0,4538	—8,5786
1627	472 Virginis 7	3	6 6,35	3,132	,8115	,2854	,4958	+8,0298
1628	*m* Canum Ven. 5	3	6 13,32	2,737	,9277	,4016	,4373	—8,7446
1629	480 Virginis 7	3	7 10,15	3,042	,8058	,2871	,4832	—7,6366
1630	*r* Centauri 5.6	3	7 44,60	3,299	,8699	,3559	,5184	+8,5772
1631	197 Comæ. Ber. 7	3	7 58,45	2,908	—8,8379	—8,3246	+0,4636	—8,4155
1632	117 Canum Ven. 6.7	3	8 6,69	2,718	,9312	,4188	,4342	—8,7542
1633	200 Comæ. Ber. 7	3	8 31,80	2,920	,8329	,3231	,4654	—8,3799
1634	201 ——— 7	3	8 44,03	2,919	,8328	,3244	,4652	—8,3801
1635	485 Virginis 6	3	9 6,02	2,965	,8178	,3117	,4720	—8,2169
1636	123 Canum Ven. 6	3	10 48,81	2,783	—8,8890	—8,3947	+0,4445	—8,6468
1637	491 Virginis 7	3	11 3,50	3,146	,8104	,3174	,4978	+8,0844
1638	——— 7.8	2	11 49,11	3,136	,8078	,3205	,4964	+8,0186
1639	205 Comæ. Ber. 7.8	3	12 12,93	2,928	,8252	,3395	,4666	—8,3289
1640	131 Canum Ven. 6.7	3	12 54,94	2,704	,9235	,4426	,4320	—8,7493
1641	497 Virginis 7	3	13 25,78	3,156	—8,8102	—8,3327	+0,4991	+8,1185
1642	Canum. Ven. 6.7	3	13 37,60	2,648	,9501	,4734	,4229	—8,7982
1643	——— 7.8	3	14 8,64	2,863	,8459	,3729	,4568	—8,4833
1644	——— 6.7	3	14 50,36	2,642	,9488	,4800	,4219	—8,7964
1645	Virginis 7.8	3	15 16,72	3,144	,8066	,3407	,4975	+8,0477
1646	169 Centauri 5.6	3	16 35,41	3,423	—8,9080	—8,4502	+0,5344	+8,7061
1647	213 Comæ. Ber. 6.7	4	17 14,07	2,865	8,8402	,3861	,4571	—8,4610
1648	512 Virginis 6.7	3	17 16,31	3,195	8,8158	,3621	,5045	+8,2570
1649	Urs. Maj. 7.8	3	18 16,55	2,410	9,0472	,5992	,3820	—8,9643
1650	366 Hydræ 6.7	3	19 28,83	3,274	8,8377	,3968	,5151	+8,4535
1651	38 Draconis 7	3	20 21,41	2,122	—9,1557	—8,7199	+0,3267	—9,1096
1652	519 Virginis 7.8	3	20 28,97	3,110	8,7982	,3632	,4928	+7,7499
1653	520 ——— 7	3	20 34,34	3,217	8,8179	,3836	,5074	+8,3055
1654	Urs. Maj. 7	3	21 25,27	2,485	9,0007	,5711	,5953	—8,8936
1655	*l*[1] Virginis 7	3	21 49,17	3,114	8,7976	,3707	,4933	+7,7908
1656	425 Urs. Maj. 7.8	3	21 57,67	2,478	—9,0017	—8,5752	+0,3941	—8,8956
1657	214 Comæ. Ber. *ver.*	3	22 2,74	2,899	8,8220	,3962	,4622	—8,3532
1658	534 Virginis 7	3	22 21,16	3,086	8,7954	,3716	,4894	+7,3861
1659	*y* Urs. Maj. 6	3	22 23,17	2,227	9,1064	,6822	,3477	—9,0472
1660	Virginis 7	3	23 19,09	3,080	8,7945	,3764	,4885	+7,2124
1661	544 Virginis 7	3	24 27,72	3,082	—8,7937	—8,3820	+0,4888	+7,2530
1662	——— 7.8	3	24 32,53	2,937	,8090	,3973	,4679	—8,2276
1663	546 ——— 7	3	24 50,43	3,011	,7962	,3864	,4787	—7,8610
1664	162 Canum Ven. 7	3	24 59,97	2,528	,9682	,5592	,4028	—8,8398
1665	548 Virginis 7.8	3	25 35,47	3,160	,8004	,3947	,4997	+8,0698

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P.M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s.*	″
1621	4	+63 6 34,57	—19,277	+9,6434	—9,9333	—1,2850	+9,4377	12	+,009	—0,03
1622	4	+41 40 20,36	19,262	,7059	—9,8051	,2847	,4417	13	—,029	+0,02
1623	3	+25 8 13,27	19,257	,7076	—9,6102	,2846	,4430	14	+,028	—0,23
1624	1	+19 37 43,87	19,249	,7007	—9,5081	,2844	,4452	18	—,026	—0,15
1625	3	—17 56 49,41	19,246	,5145	+9,4716	,2843	,4460	17	+,029	+0,04
1626	4	+30 41 42,90	19,216	+9,7143	—9,6893	—1,2837	+9,4538	22	+,010	0,00
1627	4	— 9 29 32,13	19,210	,5809	+9,1999	,2835	,4555	23	—,014	—0,04
1628	4	+41 1 44,55	19,210	,7110	—9,7985	,2835	,4555	27	—,001	+0,02
1629	4	+ 3 55 30,08	19,183	,6561	—8,8117	,2829	,4622	30	+,002	—0,10
1630	4	—30 37 48,17	19,168	,3502	+9,6880	,2826	,4659	31	+,017	0,00
1631	4	+22 15 26,61	19,163	+9,7101	—9,5581	—1,2825	+9,4672	32	+,014	0,00
1632	4	+41 43 45,20	19,150	,7152	—9,8034	,2822	,4680	35	+,013	+0,06
1633	8	+20 39 27,09	19,149	,7076	—9,5272	,2821	,4705	36	—,006	+0,01
1634		+20 37	19,144	,7076	—9,5274	,2820	,4717	40	—,006	
1635	3	+14 32 43,77	19,135	,6937	—9,3789	,2818	,4737	41	+,009	—0,11
1636	4	+34 58 3,06	19,088	+9,7251	—9,7366	—1,2808	+9,4845	51	+,014	—0,18
1637	4	—10 48 8,36	19,082	,5670	+9,2527	,2806	,4857	52	+,009	—0,06
1638	4	— 9 19 20,20	19,058	,5775	+9,1889	,2801	,4908	56	+,013	+0,03
1639	4	+18 38 18,09	19,052	,7076	—9,4817	,2799	,4923	57	+,016	—0,07
1640	4	+41 1 9,15	19,031	,7267	—9,7943	,2795	,4965	61	+,014	+0,06
1641	4	—11 42 43,22	19,017	+9,5575	+9,2854	—1,2791	+9,4996	62	+,017	+0,03
1642	4	+44 51 19,04	19,013	,7251	—9,8252	,2791	,5003	65	+,003	—0,06
1643	4	+25 44 57,24	18,996	,7235	—9,6141	,2787	,5037	69	+,010	—0,02
1644	4	+44 46 2,02	18,977	,7275	—9,8238	,2782	,5075	71	+,015	—0,10
1645	4	—10 0 22,17	18,966	,5694	+9,2171	,2779	,5101	72	+,017	—0,17
1646	4	—38 53 21,13	18,927	+9,1173	+9,7732	—1,2771	+9,5174	74	+,012	—0,03
1647	4	+24 42 57,13	18,909	,7259	—9,5955	,2767	,5206	77	—,002	—0,11
1648	4	—15 59 57,41	18,908	,5119	+9,4159	,2766	,5210	76	+,004	+0,05
1649	4	+55 45 32,65	18,880	,7168	—9,8911	,2760	,5260	83	+,014	+0,01
1650	4	—24 21 18,13	18,815	,4048	+9,5890	,2752	,5352	87	+,004	—0,04
1651	2	+64 6 36,91	18,819	+9,6990	—9,9265	—1,2746	+9,5368	96	—,012	+0,20
1652	3	— 5 6 0,63	18,814	,6031	+8,9242	,2745	,5375	91	+,020	—0,16
1653	4	—17 52 15,24	18,810	,4871	+9,4601	,2744	,5382	93	—,020	+0,03
1654	4	+51 26 33,01	18,786	,7348	—9,8648	,2738	,5423	100	+,006	+0,07
1655	4	— 5 36 57,67	18,772	,5999	+8,9648	,2735	,5447	101	—,008	—0,03
1656	4	+51 34 42,86	18,770	+9,7364	—9,8653	—1,2735	+9,5450	105	+,011	—0,04
1657	4	+19 54 40,19	18,766	,7218	—9,5027	,2734	,5457	102	+,011	—0,06
1658	4	— 2 11 50,84	18,756	,6222	+8,5619	,2731	,5474	106	+,009	—0,02
1659	4	+60 47 58,66	18,758	,7152	—9,9120	,2732	,5470	110	+,003	—0,03
1660	4	— 1 28 36,99	18,725	,6284	+8,3884	,2724	,5524	114	—,064	+0,20
1661	3	— 1 34 20,81	18,689	+9,6274	+8,4289	—1,2716	+9,5579	119	—,002	—0,04
1662	4	+15 14 37,66	18,689	,7110	—9,3882	,2716	,5579	120	+,009	—0,08
1663	4	+ 6 42 10,70	18,679	,6749	—9,0342	,2713	,5596	122	—,012	—0,02
1664	4	+48 5 8,86	18,674	,7482	—9,8408	.2712	,5602	123	+,027	—0,03
1665	4	—10 41 8,41	18,655	,5551	+9,2382	,2708	,5631	124	+,007	—0,08

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
1666	Virginis 7	3	13 25 52,06	+3,064	—8,7925	—8,3886	+0,4863	—6,7476
1667	550 —— 6	3	25 55,17	3,175	8,8027	,3988	,5017	+8,1340
1668	7 Bootis 6.7		26 ,	2,951	8,8036	,4053	,4700	—8,1665
1669	171 Canum Ven. 7	2	27 23,46	2,853	8,8283	,4329	,4553	—8,4258
1670	172 —— 5.6	3	27 25,53	2,679	8,8948	,4991	,4280	—8,6842
1671	553 Virginis 7.8	3	27 39,13	2,988	—8,7968	—8,4014	+0,4754	—7,9967
1672	*i* Canum Ven. 5	3	27 42,38	2,476	8,9816	,5873	,3937	—8,8648
1673	427 Ursæ Maj. 5 6	3	27 46,18	2,322	9,0454	,6515	,3659	—8,9649
1674	174 Canum Ven. 8	3	27 56,08	2,688	8,8898	,4969	,4294	—8,6712
1675	557 Virginis 7	3	28 57,08	3,130	8,7935	,4061	,4955	+7,8825
1676	Centauri 6.7	3	29 7 ,28	3,349	—8,8483	—8,4619	+0,5249	+8,5341
1677	559 Virginis 7	3	29 15,51	3,089	8,7903	,4050	,4898	+7,4152
1678	13 Bootis 7	3	30 12,97	2,846	8,8263	,4457	,4542	—8,4244
1679	Virginis 7 8	3	30 30,54	3,200	8,8028	,4239	,5051	+8,1979
1680	—— 7	3	30 32,69	3,170	8,7974	,4185	,5011	+8,0883
1681	194 Centauri 7.8	3	30 56,54	3,329	—8,8378	—8,4614	+0,5223	+8,4914
1682	428 Ursæ Maj. 7	2	31 5,68	2,416	8,9947	,6187	,3831	—8,8884
1683	14 Bootis 6.7	3	31 6,16	2,889	8,8130	,4373	,4607	—8,3271
1684	Ursæ Maj. 7.8	2	31 27,92	2,407	8,9968	,6229	,3815	—8,8920
1685	Virginis 7	3	32 12,97	3,179	8,7971	,4271	,5023	+8,1138
1686	373 Hydræ 6.7	3	32 25,64	3,287	—8,8222	—8,4535	+0,5168	+8,4075
1687	188 Canum Ven. 6.7	3	33 2,01	2,777	8,8446	,4788	,4436	—8,5286
1688	T Ursæ Maj. 5.6	3	33 6,80	2,347	9,0149	,6494	,3705	—8,9214
1689	—— 7	3	34 17,76	2,343	9,0124	,6531	,3698	—8,9180
1690	432 —— 6	3	34 28,34	2,288	9,0326	,6744	,3595	—8,9486
1691	Bootis 7.8	3	34 31,53	2,915	—8,8028	—8,4449	+0,4646	—8,2122
1692	Virginis 7.8	2	35 30,23	3,170	8,7924	,4396	,5011	+8,0584
1693	568 —— 7	3	35 55,05	3,198	8,7965	,4461	,5049	+8,1620
1694	—— 7	1	37 8,06	3,169	8,7907	,4461	,5009	+8,0479
1695	—— 6.7	3	37 9,92	2,972	8,7900	,4453	,4730	—8,0239
1696	*z* Centauri 6.7	3	37 20,76	3,460	—8,8723	—8,5290	+0,5391	+8,6357
1697	435 Ursæ Maj. 6.7	3	37 30,15	2,339	9,0024	,6594	,3690	—8,9040
1698	F Virginis 6.7	3	38 46,93	2,998	8,7854	,4494	,4768	—7,8815
1699	201 Canum Ven. 7	3	38 48,17	2,723	8,8522	,5159	,4350	—8,5728
1700	438 Urs. Maj. 6.7	2	39 6,70	2,214	9,0422	,7073	,3452	—8,9643
1701	580 Virginis 6.7	3	40 8,06	3,088	—8,7811	—8,4517	+0,4897	+7,3311
1702	439 Ursæ Maj. 6	3	40 25,48	2,250	9,0246	,6962	,3522	—8,9392
1703	F Virginis 6.7	3	41 14,12	2,996	8,7833	,4592	,4765	—7,8783
1704	Bootis 7	3	41 34,12	2,927	8,7922	,4701	,4664	—8,1698
1705	216 Centauri 6.7	3	41 36,06	3,665	8,9385	,6164	,5641	+8,7962
1706	Bootis 7	3	41 49,79	2,925	—8,7924	—8,4712	+0,4661	—8,1756
1707	584 Virginis 7	3	41 53,31	3,137	8,7823	,4615	,4965	+7,8557
1708	—— 7	3	42 11,14	3,138	8,7823	,4627	,4966	+7,8671
1709	*y* Centauri 6	3	43 55,67	3,447	8,8533	,5424	,5374	+8,5882
1710	Ursæ Maj. 7.8	3	43 58,46	2,210	9,0262	,7150	,3444	—8,9430

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						*s.*	″
1666	3	+ 0 31 57,83	—18,645	+9,6405	—7,9237	—1,2706	+9,5647	127	+,024	—0,29
1667	4	—12 21 53,68	18,645	,5378	+9,2999	,2706	,5647	126	+,004	—0,02
1668	4	+13 21 43,66	18,612	,7059	—9,3307	,2698	,5695	131	,	+0,05
1669	3	+23 20 30,40	18,595	,7372	—9,5649	,2694	,5720	134	—,015	+0,11
1670	4	+38 1 47,14	18,597	,7574	—9,7568	,2694	,5717	136	+,013	—0,23
1671	3	+ 9 8 18,15	18,595	+9,6875	—9,1673	—1,2694	+9,5720	137	+,017	—0,05
1672	3	+49 51 38,30	18,588	,7528	—9,8505	,2692	,5730	138	+,008	—0,10
1673	3	+56 11 46,34	18,586	,7419	—9,8866	,2692	,5733	141	+,002	0,00
1674	2	+37 13 53,45	18,580	,7574	—9,7485	,2690	,5742	140	+,016	+0,03
1675	3	— 7 1 41,11	18,546	,5843	+9,0553	,2683	,5789	142	+,006	—0,16
1676	4	—28 59 46,24	18,540	+9,2900	+9,6519	—1,2681	+9,5798	143	+,005	+0,02
1677	2	— 2 23 28,13	18,533	,6201	+8,5909	,2680	,5807	145	,000	—0,08
1678	4	+23 22 28,06	18,505	,7404	—9,5634	,2673	,5847	150	+,004	—0,03
1679	3	—14 22 0,49	18,493	,5105	+9,3602	,2670	,5862	151	+,017	—0,10
1680	4	—11 14 52,21	18,493	,5441	+9,2559	,2670	,5862	152	+,017	+0,01
1681	4	—26 44 12,12	18,477	+9,3263	+9,6182	—1,2666	+9,5883	154	—,008	0,00
1682	4	+51 33 26,34	18,475	,7589	—9,8583	,2666	,5886	156	+,006	+0,11
1683	4	+19 6 25,59	18,473	,7300	—9,4787	,2665	,5889	155	+,015	—0,09
1684	4	+51 48 4,86	18,461	,7589	—9,8595	,2663	,5904	157	+,018	—0,02
1685	4	—11 56 36,17	18,436	,5353	+9,2804	,2657	,5937	158	+,003	—0,01
1686	4	—22 36 39,80	18,428	+9,3962	+9,5488	—1,2655	+9,5948	159	+,010	+0,05
1687	3	+28 54 10,42	18,410	,7566	—9,6470	,2650	,5972	163	+,004	—0,03
1688	4	+53 45 26,52	18,407	,7604	—9,8695	,2650	,5975	165	—,001	+0,03
1689	4	+53 26 32,70	18,365	,7634	—9,8676	,2640	,6027	168	+,013	—0,05
1690	5	+55 31 6,11	18,358	,7612	—9,8778	,2638	,6036	170	+,017	—0,11
1691	4	+15 59 2,45	18,355	+9,7218	—9,4012	—1,2638	+9,6039	167	+,017	—0,02
1692	3	—10 36 13,58	18,320	,5465	+9,2270	,2629	,6082	175	+,013	—0,07
1693	4	—13 23 0,88	18,302	,5145	+9,3261	,2625	,6102	177	+,012	—0,10
1694	4	—10 23 42,08	18,263	,5465	+9,2168	,2616	,6149	185	—,003	+0,03
1695	4	+ 9 53 27,33	18,263	,6972	—9,1935	,2616	,6149	188	+,001	—0,22
1696	3	—35 25 24,85	18,253	+9,0569	+9,7282	—1,2613	+9,6161	187	—,005	—0,22
1697	4	+52 53 46,01	18,251	,7723	—9,8609	,2613	,6163	189	+,014	—0,03
1698	4	+ 7 11 0,57	18,200	,6839	—9,0542	,2601	,6221	194	—,024	—0,18
1699	4	+31 43 50,04	18,202	,7701	—9,6787	,2601	,6219	195	—,006	—0,04
1700	4	+56 43 30,55	18,192	,7701	—9,8800	,2599	,6230	200	+,021	—0,36
1701	3	— 2 0 54,01	18,150	+9,6222	+8,5069	—1,2589	+9,6276	203	+,015	—0,04
1702	4	+55 15 30,52	18,143	,7752	—9,8713	,2587	,6284	205	+,021	—0,23
1703	4	+ 7 10 10,92	18,111	,6848	—9,0510	,2579	,6319	208	+,002	—0,01
1704	3	+13 50 4,43	18,096	+,7185	—9,3332	,2576	,6334	211	+,002	+0,17
1705	4	—46 4 33,43	18,096	—7,9445	+9,8133	,2576	,6331	207	—,007	—0,08
1706	2	+14 0 50,12	18,088	+9,7202	—9,3386	—1,2574	+9,6342	214	+,012	—0,03
1707	4	— 6 46 25,24	18,086	,5798	+9,0287	,2573	,6345	213	+,004	0,00
1708	3	— 6 57 40,56	18,076	,5786	+9,0400	,2571	,6356	218	+,006	+0,05
1709	4	—34 50 48,92	18,007	,0212	+9,7106	,2554	,6426	222	—,003	—0,16
1710	3	+55 41 25,08	18,010	,7832	—9,8704	,2555	,6424	226	+,018	+0,01

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Anuual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
1711	38 Bootis 6.7	3	13 44 13,74	+2,933	—8,7884	—8,4785	+0,4673	—8,1393
1712	39 Bootis 7	3	44 36,78	2,882	8,7974	,4897	,4597	—8,2759
1713	Virginis 7.8	2	44 40,30	3,096	8,7772	,4699	,4908	+7,4582
1714	442 Ursæ Maj. 6.7	3	44 47,11	2,072	9,0691	,7617	,3164	—9,0037
1715	Hydræ 7	3	44 55,06	3,382	8,8304	,5240	,5292	+8,5013
1716	221 Canum. Ven. 6.7	3	45 41,19	2,732	—8,8358	—8,5329	+0,4365	—8,5273
1717	229 ——— 7	3	46 59,53	2,710	8,8401	,5435	,4330	—8,5482
1718	——— 7	3	47 25,05	2,382	8,9543	,6596	,3769	—8,8299
1719	444 Ursæ Maj. 7	3	47 46,34	2,218	9,0101	,7169	,3460	—8,9208
1720	43 Bootis 6.7	3	47 53,01	2,907	8,7884	,4962	,4634	—8,1971
1721	605 Virginis 7	3	48 3,67	3,049	—8,7737	—8,4824	+0,4842	—7,2787
1722	Bootis 7	2	48 40,96	2,885	,7915	,5031	,4601	—8,2490
1723	48 ——— 7	3	49 19,93	2,825	,8043	,5186	,4510	—8,3729
1724	——— 7.8	2	49 41,67	2,929	,7827	,4989	,4667	—8,1265
1725	Virginis 7	3	49 46,60	3,030	,7727	,4892	,4814	—7,5665
1726	Can. Ven. 7	3	50 1,60	2,337	—8,9618	—8,6792	+0,3687	—8,8447
1727	49 Bootis 7.8	3	50 10,87	2,877	,7913	,5096	,4589	—8,2617
1728	——— 6	3	50 42,23	2,897	,7869	,5076	,4619	—8,2119
1729	S[a] Hydræ 6.7	3	50 46,82	3,348	,8108	,5322	,5248	+8,4238
1730	*e* Bootis 7	3	50 54,94	2,810	,8050	,5267	,4487	—8,3876
1731	Ursæ Maj. 7	3	51 43,15	2,183	—9,0082	—8,7332	+0,3390	—8,9199
1732	Draconis 7.8	3	51 52,83	1,649	9,1631	,8888	,2172	—9,1243
1733	Ursæ Maj. 7	3	52 52,21	2,201	8,9983	,7289	,3426	—8,9056
1734	Bootis 7	3	53 19,93	2,904	8,7823	,5152	,4630	—8,1809
1735	Virginis 7	3	53 27,87	3,287	8,7925	,5261	,5168	+8,3059
1736	57 Bootis 7.8	3	53 45,26	2,867	—8,7885	—8,5232	+0,4575	—8,2674
1737	58 ——— 7	3	53 45,83	2,855	,7907	,5255	,4556	—8,2911
1738	Virginis 7.8	3	54 30,77	3,020	,7683	,5064	,4880	—7,6466
1739	Bootis 7.8	3	55 0,62	2,887	,7831	,5236	,4604	—8,2168
1740	Canum. Ven. 6.7	3	55 38,58	2,386	,9283	,6715	,3777	—8,7891
1741	Virginis 7	2	56 18,48	3,231	—8,7783	—8,5248	+0,5093	+8,1645
1742	——— 7	3	56 29,08	2,979	,7690	,5160	,4741	—7,8997
1743	252 Canum. Ven. 7	3	56 51,20	2,240	,9728	,7213	,3502	—8,8697
1744	Virginis 7	3	58 8,49	2,933	,7721	,5265	,4673	—8,0755
1745	631 ——— 7.8	3	58 12,05	2,978	,7671	,5218	,4739	—7,8979
1746	16 Ursæ Min. 7	3	58 13,07	1,308	—9,2179	—8,9720	+0,1166	—9,1894
1747	630 Virginis 7	3	58 15,66	3,250	8,7789	,5339	,5119	+8,2036
1748	73 Bootis 7.8	3	58 37,90	2,856	,7838	,5403	,4558	—8,2675
1749	75 ——— 7	3	59 32,13	2,696	,8207	,5810	,4307	—8,5090
1750	633 Virginis 7	5	59 39,19	3,198	,7697	,5308	,4049	+8,0528
1751	634 ——— 7.8	3	59 54,50	3,291	—8,7842	—8,5465	+0,5173	+8,2853
1752	S Bootis 6	3	14 1 19,77	2,401	,9074	,6755	,3804	—8,7539
1753	Virginis 7.8	2	1 34,21	2,936	,7675	,5368	,4678	—8,0488
1754	Bootis 6.7	3	1 42,71	2,869	,7773	,5472	,4577	—8,2276
1755	86 ——— 6	3	2 6,80	2,252	,9528	,7243	,3526	—8,8384

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						s.	″
1711	4	+12 59 1,91	—18,000	+9,7177	—9,3043	—1,2553	+8,6434	225	+,021	—0,07
1712	3	+17 33 2,78	17,981	,7380	—9,4314	,2548	,6452	228	+,014	+0,24
1713	3	— 2 43 21,00	17,979	,6159	+8,6338	,2548	,6454	227	+,022	+0,03
1714	3	+59 21 28,13	17,979	,7789	—9,8874	,2548	,6454	233	+,022	—0,02
1715	3	—27 55 30,43	17,971	,2430	+9,6235	,2546	,6462	229	+,010	+0,11
1716	4	+29 27 44,95	17,942	+9,7760	—9,6434	—1,2539	+9,6490	235	+,007	+0,13
1717	4	+30 43 45,26	17,890	,7803	—9,6587	,2526	,6541	242	+,001	+0,01
1718	4	+48 41 10,49	17,875	,7973	—9,8258	,2522	,6556	244	+,006	—0,02
1719	3	+54 32 29,44	17,861	,7931	—9,8607	,2519	,6568	250	—,001	—0,12
1720	3	+14 52 0,43	17,853	,7292	—9,3585	,2517	,6575	247	—,009	—0,15
1721	4	+ 1 51 40,87	17,846	+9,6513	—8,4546	—1,2515	+9,6583	248	,000	—0,01
1722	4	+16 41 58,67	17,819	,7380	—9,4065	,2509	,6607	251	+,008	+0,13
1723	3	+21 45 50,98	17,797	,7585	—9,5166	,2503	,6627	255	+,007	—0,02
1724	3	+12 46 14,23	17,781	,7202	—9,2918	,2500	,6642	257	—,004	—0,02
1725	3	+ 3 35 29,85	17,779	,6646	—8,7418	,2499	,6644	258	+,007	—0,05
1726	3	+19 49 13,94	17,770	+9,8014	—9,8307	—1,2497	+9,6651	261	+,001	—0,25
1727	3	+17 12 42,59	17,762	,7419	—9,4180	,2495	,6659	260	+,016	+0,04
1728	2	+15 27 27,92	17,741	,7340	—9,3721	,2490	,6678	264	+,005	—0,19
1729	3	—24 12 0,43	17,735	,3117	+9,5598	,2488	,6683	262	—,014	—0,05
1730	4	+22 30 19,76	17,733	,7627	—9,5294	,2488	,6685	266	+,018	+0,06
1731	4	+54 42 56,41	17,703	+9,8017	—9,8579	—1,2480	+9,6711	272	—,007	—0,15
1732	4	+66 10 16,88	17,697	,7810	—9,9072	,2479	,6716	273	+,025	—0,22
1733	4	+53 54 37,31	17,654	,8055	—9,8522	,2468	,6754	277	+,001	—0,04
1734	3	+14 31 53,39	17,631	,7316	—9,3429	,2463	,6773	279	—,002	—0,10
1735	3	—19 0 33.16	17,626	,4065	+9,4575	,2461	,6777	276	+,006	—0,01
1736	4	+17 33 27,96	17,615	+9,7466	—9,4228	—1,2459	+9,6787	280	+,010	+0,06
1737	3	+18 28 22,33	17,615	,7505	—9,4442	,2459	,6787	281	+,016	—0,06
1738	3	+ 4 20 53,65	17,584	,6712	—8,8214	,2451	,6812	283	+,006	—0,17
1739	3	+15 46 25,39	17,562	,7396	—9,3763	,2446	,6830	284	—,001	+0,01
1740	4	+46 33 18,74	17,536	,8129	—9,8028	,2439	,6851	289	+,010	—0,04
1741	3	—14 3 36,88	17,505	+9,4800	+9,3274	—1,2432	+9,6876	290	—,004	—0,03
1742	1	+ 7 47 36,43	17,500	,6955	—9,0718	,2430	,6881	292	,000	+0,02
1743	3	+51 46 3,14	17,485	,8149	—9,8357	,2427	,6892	296	+,017	—0,12
1744	4	+11 37 3,41	17,428	,7193	—9,2126	,2412	,6937	301	—,001	+0,03
1745	4	+ 7 47 47,65	17,424	,6964	—9,0700	,2411	,6939	302	+,009	—0,10
1746	4	+69 28 25,25	17,431	+9,7882	—9,9108	—1,2413	+9,6934	306	+,005	—0,08
1747	4	—15 24 1,82	17,422	,4579	+9,3637	,2411	,6941	300	+,004	—0,25
1748	4	+17 45 36,91	17,407	,7513	—9,4225	,2407	,6952	303	+,014	—0,06
1749	4	+29 13 38,06	17,370	,7938	—9,6261	,2398	,6981	309	+,002	—0,04
1750	4	—11 2 28,88	17,361	,5185	+9,2208	,2396	,6987	308	,000	—0,06
1751		—18 27	17,349	+9,4031	+9,4384	—1,2393	+9,6996	310	+,002	
1752	4	+44 38 26,16	17,291	,8222	—9,7824	,2378	,7040	316	+,009	—0,20
1753	2	+11 2 38,02	17,275	,7177	—9,2167	,2374	,7048	315	+,008	—0,02
1754	4	+16 24 34,19	17,273	,7474	—9,3857	,2374	,7052	1	—,011	—0,02
1755	4	+50 14 21,49	17,255	,8254	—9,8206	,2369	,7065	6	+,003	—0,04

No.	Star's Name and Mag.		No. Obs.	Right Ascension. Jan. 1, 1835.	Annual Precession.	Logarithms of			
						a	*b*	*c*	*d*
				h. m. s.	s.				
1756		Virginis	7	1	14 2 17,10	+3,203	—8,7670	—8,5394	+0,5056	+8,0546
1757	638	——	7.8	4	2 19,20	3,130	,7604	,5329	,4955	+7,7177
1758	639	——	7	3	2 24,00	3,049	,7587	,5315	,4842	—7,1955
1759	642	——	7	3	3 14,60	3,131	,7595	,5360	,4957	+7,7304
1760	D	Bootis	7	3	4 3,39	2,619	,8333	,6132	,4181	—8,5700
1761	93	——	8	3	4 13,66	2,821	—8,7827	—8,5632	+0,4502	—8,3105
1762		Virginis	7	2	4 14,15	3,098	8,7569	8,5376	0,4911	+7,4023
1763	17	Ursæ Min.	6.7	1	5 29,87	0,402	9,3520	9,1382	9,6042	—9,3376
1764	649	Virginis	7	3	5 46,20	3,131	8,7565	8,5438	0,4957	+7,7138
1765	53	Draconis	6.7	3	5 48,43	1,893	9,0467	8,8338	0,2771	—8,9811
1766	101	Bootis	7	3	5 48,91	2,910	—8,7655	—8,5528	+0,4639	—8,1093
1767		——	7	2	7 2,06	2,775	8,7880	,5804	0,4433	—8,3730
1768	κ	——	6.7	3	7 34,04	2,146	8,9687	,7634	0,3316	—8,8685
1769		Hydræ	7	1	8 7,62	3,417	8,7989	,5964	+0,5336	+8,4439
1770	*b*	Ursæ Min.	*var.*	3	9 35,87	—0,387	9,4435	9,2457	—9,5877	—9,4343
1771	A	Hydræ	6.7	5	9 39,01	+3,424	—8,7978	—8,6018	+0,5343	+8,4459
1772	269	Centauri	6	3	10 13,21	3,774	8,8956	,7018	,5768	+8,7408
1773	ψ	——	5.6	3	10 33,36	3,614	8,8474	,6549	,5580	+8,6282
1774		Bootis	7	3	11 0,40	1,993	9,0015	,8107	,2995	—8,9203
1775	A	——	6	2	11 1,08	2,537	8,8419	,6511	,4043	—8,6138
1776	658	Virginis	7	3	11 13,70	3,144	—8,7505	—8,5608	+0,4975	+7,7698
1777	141	Bootis	6	3	11 29,08	2,137	8,9590	,7702	,3298	—8,8559
1778		——	7	2	11 39,72	2,239	8,9286	,7403	,3500	—8,8048
1779		——	7	3	12 20,74	1,979	9,0012	,8157	,2964	—8,9204
1780	277	Centauri	6.7	1	12 27,88	3,562	8,8283	,6438	,5517	+8,5764
1781	278	——	7	3	12 43,80	3,659	—8,8550	—8,6717	+0,5634	+8,6528
1782	*a*	——	5.6	3	12 54,09	3,657	,8541	,6716	,5631	+8,6508
1783	147	Bootis	7	3	12 55,65	2,623	,8138	,6310	,4188	—8,5277
1784	150	——	7.8	3	13 20,88	2,794	,7738	,5930	,4462	—8,3175
1785	668	Virginis	7.8	3	13 55,59	3,158	,7481	,5694	,4994	+7,8350
1786	155	Bootis	7	6	14 20,92	2,791	—8,7728	—8,5960	+0,4458	—8,3178
1787	*v*	Solittarii	6.7	2	15 24,98	3,402	,7825	,6101	,5317	+8,3935
1788		Bootis	6.7	1	15 48,19	2,982	,7453	,5743	,4745	—7,8025
1789		Libræ	7	1	15 49,47	3,212	,7504	,5796	,5068	+8,0283
1790		Bootis	6.7	3	15 53,09	2,950	,7477	,5770	,4698	—7,9405
1791	164	——	7	1	16 11,72	2,952	—8,7471	—8,5777	+0,4701	—7,9326
1792	677	Virginis	6.7	3	16 22,05	3,236	,7523	,5838	,5100	+8,0916
1793		——	7	2	16 49,87	2,985	,7439	,5769	,4749	—7,7876
1794	174	Bootis	7.8	3	17 9,20	2,336	,8852	,7196	,3685	—7,7284
1795		——	6.7		18	2,792	,7658	,6059	,4459	—8,2984
1796	*f*	——	6	6	18 47,16	2,792	—8,7655	—8,6067	+0,4459	—8,2985
1797	681	Virginis	7	3	18 49,72	3,239	,7491	,5906	,5104	+8,0894
1798	684	——	8	3	19 32,28	3,098	,7379	,5823	,4911	+7,3382
1799	288	Centauri	6	3	19 32,44	3,823	,8849	,7296	,5824	+8,7314
1800	683	Virginis	6.7	3	19 43,89	3,193	,7430	,5882	,5042	+7,9507

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P.M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s.*	″
1756	3	−11 10 7,42	−17,246	+9,5132	+9,2224	−1,2367	+9,7072	2	−,001	−0,07
1757	4	− 5 11 32,00	17,246	,5866	+8,8920	,2367	,7072	3	−,003	−0,10
1758	3	+ 1 35 3,02	17,243	,6513	−8,3714	,2366	,7074	4	+,011	−0,01
1759	3	− 5 20 52,10	17,204	,5843	+8,9046	,2356	,7101	10	+,019	−0,18
1760	3	+33 4 28,39	17,168	,8089	−9,6694	,2347	,7127	16	+,008	0,00
1761	3	+19 43 29,52	17,163	+9,7649	−9,4604	−1,2346	+9,7131	17	+,023	−0,08
1762	4	− 2 31 35,63	17,159	,6128	+8,5780	,2345	,7133	15	−,002	−0,30
1763	3	+75 22 33,64	17,102	,7882	−9,9167	,2330	,7173	27	+,010	+0,07
1764	3	− 5 10 40,32	17,090	,5855	+8,8880	,2327	,7181	19	−,014	−0,09
1765	3	+59 19 45,72	17,093	,8267	−9,8652	,2328	,7179	24	+,025	−0,08
1766	4	+12 46 27,02	17,090	+9,7308	−9,2746	−1,2327	+9,7181	20	+,016	−0,09
1767	4	+22 38 49,31	17,035	,7796	−9,5143	,2313	,7218	26	+,005	−0,03
1768	3	+52 33 51,58	17,010	,8351	−9,8285	,2307	,7234	31	+,027	−0,08
1769	3	−26 11 25,81	16,978	,1903	+9,5729	,2299	,7254	29	−,005	−0,09
1770	2	+78 19 20,58	16,926	,7875	−9,9175	,2286	,7288	49	+,014	−0,02
1771	3	−26 22 32,15	16,908	+9,1732	+9,5741	−1,2281	+9,7300	34	+,010	−0,01
1772	3	−44 25 13,60	16,882	−8,8260	+9,7706	,2274	,7316	36	+,005	−0,13
1773	4	−37 7 18,26	16,866	+8,3010	+9,7059	,2270	,7326	40	+,004	−0,04
1774	3	+56 4 1,02	16,848	+9,8395	−9,8454	,2265	,7338	48	+,004	−0,02
1775	3	+36 16 27,42	16,848	+9,8260	−9,6964	,2265	,7338	45	−,006	0,00
1776	3	− 5 58 56,48	16,835	+9,5740	+8,9435	−1,2262	+9,7345	44	+,006	−0,08
1777	4	+52 4 23,63	16,826	9,8420	−9,8208	,2260	,7351	50	+,010	+0,05
1778	2	+48 46 6,33	16,820	9,8420	−9,8000	,2258	,7355	52	+,002	−0,04
1779	3	+56 11 22,98	16,788	9,8420	−9,8424	,2250	,7375	56	−,002	+0,01
1780	3	−34 1 39,97	16,775	8,7242	+9,6708	,2247	,7382	53	−,011	−0,02
1781	4	−38 51 51,03	16,762	−7,7781	+9,7201	−1,2243	+9,7390	54	−,004	+0,01
1782	3	−38 45 10,50	16,753	−7,7781	+9,7188	,2241	,7396	55	−,004	−0,01
1783	3	+31 11 23,99	16,756	+9,8162	−9,6361	,2242	,7394	57	+,008	−0,03
1784	3	+20 29 26,24	16,733	+9,7767	−9,4653	,2236	,7407	60	+,017	−0,05
1785	3	− 7 0 19,86	16,707	+9,5611	+9,0079	,2229	,7423	62	+,010	−0,12
1786	4	+20 33 49,43	16,685	+9,7781	−9,4653	−1,2223	+9,7436	65	+,017	−0,02
1787	4	−24 3 8,35	16,633	,2253	+9,5300	,2210	,7466	68	+,006	0,00
1788	3	+ 6 34 21,74	16,616	,6947	−8,9757	,2205	,7476	71	+,021	−0,27
1789	4	−10 54 55,57	16,613	,5051	+9,1965	,2205	,7477	70	+,006	−0,01
1790	4	+ 8 59 50,87	16,613	,7126	−9,1112	,2205	,7477	72	+,005	−0,07
1791	2	+ 8 50 29,40	16,602	+9,7118	−9,1035	−1,2201	+9,7487	75	+,006	−0,18
1792	4	−12 36 6,57	16,587	,4786	+9,2571	,2198	,7492	76	+,002	+0,02
1793	4	+ 6 22 3,96	16,568	,6928	−8,9610	,2193	,7504	77	+,032	0,00
1794	4	+44 12 37,36	16,551	,8476	−9,7601	,2188	,7513	80	+,020	−0,08
1795		+19 57	16,482	,7796	−9,4477	,2170	,7551	83		
1796	6	+19 58 14,63	16,468	+9,7796	−9,4477	−1,2166	+9,7559	86	+,013	−0,21
1797	4	−12 36 43,92	16,468	+9,4742	+9,2545	,2166	,7560	85	+,015	+0,03
1798	4	− 2 15 37,33	16,428	+9,6139	+8,5140	,2156	,7580	88	+,015	−0,07
1799	4	−44 34 41,73	16,425	−8,9685	+9,7600	.2155	,7582	87	+,007	−0,25
1800	4	− 9 15 33,51	16,418	+9,5250	+9,1210	,2153	,7586	89	+,008	−0,02

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
1801	Hydræ 7		14 20	+3,489	—8,7922	—8,6422	+0,5427	+8,4722
1802	192 Bootis 7	3	21 23,31	2,681	,7836	,6353	,4283	—8,4341
1803	690 Virginis 6.7	3	21 25,47	3,116	,7359	,5878	,4936	+7,5257
1804	691 ——— 6.7	3	21 26,17	3,047	,7352	,5871	,4839	—7,1674
1805	——— 7	6	21 55,38	3,113	,7351	,5891	,4932	+7,5017
1806	195 Bootis 7.8	3	22 18,10	2,407	—8,8518	—8,7070	+0,3815	—8,6629
1807	Virginis 7.8	3	22 23,85	3,137	,7355	,5912	,4965	+7,6829
1808	197 Bootis 7	3	22 45,53	2,571	,8073	,6643	,4101	—8,5375
1809	*g* ——— 6	3	22 53,50	2,119	,9302	,7878	,3404	—8,8180
1810	297 Centauri 7.8	3	23 42,21	3,760	,8566	,7179	,5752	+8,6769
1811	694 Virginis 7	3	23 56,89	3,001	—8,7331	—8,5952	+0,4773	—7,6602
1812	301 Centauri 6.7	3	25 7,15	3,752	,8508	,7177	,5743	+8,6660
1813	Virginis 7.8	3	25 14,19	2,971	,7332	,6000	,4729	—7,8191
1814	a^1 Centauri 7	3	25 33,69	3,877	,8839	,7526	,5885	+8,7374
1815	a^2 ——— 6	3	26 33,70	3,879	,8817	,7543	,5887	+8,7344
1816	Bootis 7	3	27 6,84	2,871	—8,7399	—8,6144	+0,4580	—8,1175
1817	56 Draconis 6.7	3	27 14,23	1,627	9,0407	,9152	,2114	—8,9823
1818	699 Virginis 8	3	27 34,26	3,055	8,7266	,6029	,4850	—6,9307
1819	224 Bootis 6	3	27 53,87	2,454	8,8256	,7033	,3899	—8,6084
1820	——— 7.8	3	28 6,40	1,976	8,9526	,8305	,2958	—8,8583
1821	*a* Lupi 7	3	28 24,21	3,900	—8,8824	—8,7624	+0,5911	+8,7383
1822	Virginis 7.8	3	28 32,95	3,113	,7258	,6050	,4932	+7,4703
1823	702 ——— 7	3	29 8,47	3,026	,7248	,6074	,4809	—7,4389
1824	——— 7.8	3	29 14,03	3,137	,7257	,6086	,4965	+7,6528
1825	22 Solitarii 7	3	30 5,05	3,466	,7692	,6558	,5398	+8,4116
1826	8 Libræ 7	2	30 8,87	3,210	—8,7293	—8,6158	+0,5065	+7,9632
1827	236 Bootis 7	3	30 33,96	2,787	,7465	,6347	,1451	—8,2592
1828	——— 8	3	31 34,37	2,580	,7864	,6782	,4116	—8,4944
1829	V Solitarii 7.8	2	31 43,28	3,399	,7531	,6459	,5313	+8,3254
1830	*b* Centauri 5.6	3	31 44,31	3,690	,8186	,7116	,5670	+8,5990
1831	Bootis 7	3	32 31,24	2,001	—8,9327	—8,8281	+0,3012	—8,3098
1832	h^1 ——— 6.7	3	32 41,76	2,239	,8703	,7665	,3500	—8,7204
1833	256 ——— 6.7	3	33 1,32	1,898	,9568	,8543	,2783	—8,8686
1834	G ——— 6.7	4	34 22,68	2,734	,7488	,6517	,4368	—8,3186
1835	265 ——— 7	3	34 53,20	2,730	,7485	,6535	,4362	—8,3214
1836	c^2 Centauri 6	3	34 53,40	3,644	—8,7998	—8,7048	+0,5616	+8,5531
1837	Bootis 7.8	3	35 39,71	1,957	,9344	,8420	,2916	—8,8363
1838	30 Solitarii 6.7	3	36 27,94	3,457	,7552	,6639	,5387	+8,3773
1839	719 Virginis 6.7	3	37 5,98	3,048	,7125	,6260	,4840	—7,0952
1840	272 Bootis 7.8	3	37 30,04	2,936	,7169	,6320	,4678	—7,9032
1841	——— 7.8	3	38 11,63	2,800	—8,7312	—8,6488	+0,4472	—8,2085
1842	——— 7	3	38 26,72	2,190	,8674	,7858	,3104	—8,7233
1843	724 Virginis 7	3	39 5,11	3,027	,7097	,6310	,4810	—7,3855
1844	282 Bootis 7.8	3	39 15,99	2,267	,8453	,7671	,3554	—8,6797
1845	Draconis 6.7	3	41 39,29	1,718	,9727	,9034	,2350	—8,8977

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						*s.*	″
1801	2	—28 34 11,65	—16,358	+9,0170	+9,5918	—1,2137	+9,7618	94		+0,08
1802	4	+26 35 44,33	16,338	9,8109	—9,5618	,2132	,7629	97	+,023	0,00
1803	4	— 3 30 20,60	16,335	9,5988	+8,7009	,2131	,7631	95	+,001	+0,04
1804	3	+ 1 34 7,44	16,335	9,6023	—8,3433	,2131	,7631	96	+,004	—0,01
1805	3	— 3 19 33,81	16,308	9,6009	+8,6771	,2124	,7645	98	+,010	+0,02
1806	4	+40 21 25,46	16,294	+9,8500	—9,7211	—1,2120	+9,7652	102	+,004	—0,07
1807	4	— 5 3 55,85	16,287	9,5798	+8,8573	,2118	,7655	101	+,003	—0,19
1808	4	+32 31 44,50	16,270	9,8325	—9,6396	,2114	,7664	103	+,003	+0,01
1809	4	+50 35 8,31	16,264	9,8609	—9,7970	,2112	,7668	105	—,009	—0,07
1810	3	—41 22 0,45	16,216	—8,8062	+9,7282	,2099	,7692	104	+,008	—0,15
1811	3	+ 4 52 29,78	16,205	+9,6830	—8,8318	—1,2096	+9,7697	107	+,004	—0,16
1812	4	—40 47 15,89	16,144	—8,5441	+9,7212	,2080	,7728	110	,000	—0,10
1813	3	+ 7 1 37,10	16,143	+9,7016	—8,9919	,2080	,7728	115	+,010	—0,02
1814	3	—45 31 9,86	16,119	—9,0792	+9,7589	,2073	,7740	113	+,006	+0,02
1815	3	—45 24 32,54	16,066	—9,0828	+9,7567	,2059	,7766	118	—,029	—0,12
1816	3	+13 49 27,49	16,043	+9,7513	—9,2808	—1,2053	+9,7778	119	—,008	—0,01
1817	3	+60 57 18,96	16,042	+9,8663	—9,8448	,2053	,7778	126	—,001	+0,06
1818	4	+ 0 56 39,45	16,018	+9,6464	—8,4067	,2046	,7790	123	+,014	—0,07
1819	4	+37 21 17,10	16,000	+9,8506	—9,6850	,2041	,7798	128	+,016	—0,06
1820	4	+53 37 25,97	15,997	+9,8704	—9,8078	,2040	,7800	131	+,005	+0,24
1821	4	—45 51 16,26	15,969	—9,1206	+9,7573	—1,2033	+9,7813	125	—,028	—0,31
1822	2	— 3 10 3,49	15,965	+9,6021	+8,6457	,2032	,7815	130	+,002	+0,02
1823	3	+ 3 0 3,38	15,933	+9,6665	—8,6143	,2023	,7830	132	—,008	—0,11
1824	4	— 4 49 40,23	15,930	+9,5809	+8,8273	,2022	,7831	133	+,006	—0,08
1825	3	—26 0 20,17	15,880	+9,0864	+9,5412	,2008	,7854	135	—,001	—0,14
1826	4	— 9 50 16,49	15,880	+9,5105	+9,1328	—1,2008	+9,7854	137	+,006	—0,11
1827	3	+19 1 12,81	15,859	+9,7846	—9,4109	,2003	,7864	140	+,015	—0,14
1828	4	+30 43 52,87	15,809	+9,8370	—9,6050	,1989	,7887	143	+,009	—0,05
1829	4	—21 54 17,41	15,794	+9,2380	+9,4688	,1985	,7893	142	+,002	—0,06
1830	4	—37 4 46,99	15,791	—8,3979	+9,6769	,1984	,7895	141	+,001	—0,05
1831	4	+52 17 38,93	15,758	+9,8718	—9,7936	—1,1975	+9,7909	148	+,013	—0,03
1832	3	+45 7 6,59	15,747	+9,8716	—9,7454	,1972	,7914	119	+,002	—0,13
1833	4	+54 44 15,98	15,730	+9,8791	—9,8065	,1967	,7922	156	+,018	—0,13
1834	4	+21 50 10,99	15,653	+9,8028	—9,4624	,1946	,7956	160	+,015	+0,11
1835	4	+22 0 12,22	15,624	+9,8035	—9,4648	,1938	,7968	161	+,006	+0,13
1836	4	—34 29 20,17	15,624	+7,4771	+9,6451	—1,1938	+9,7968	159	—,001	—0,25
1837	4	+52 56 49,68	15,587	+9,8825	—7,7927	,1928	,7984	164	+,009	—0,04
1838		—24 44	15,537	+9,1423	+9,5115	,1913	,8006	163	—,014	
1839	4	+ 1 25 9,41	15,503	+9,6522	—8,2712	,1904	,8020	168	—,011	+0,04
1840	2	+ 8 51 42,26	15,481	+9,7210	—9,0741	,1898	,8029	170	+,013	—0,09
1841	4	+17 29 48,82	15,444	+9,7818	—9,3641	—1,1887	+9,8044	177	+,017	—0,02
1842	3	+45 53 11,88	15,433	+9,8808	—9,7423	,1884	,8049	179	+,047	—0,04
1843	3	+ 2 44 0,45	15,392	+9,6665	—8,5611	,1873	,8066	180	+,011	—0,04
1844	3	+13 4 38,35	15,384	+9,8774	—9,7194	,1871	,8069	182	+,004	0,00
1845	4	+57 18 34,69	15,252	+9,8921	—9,8064	,1833	,8121	189	+,011	0,00

No.	Star's name and Mag.	No. Obs.	Right Ascension. Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
1846	Bootis 7	3	14 43 22,56	+2,686	—8,7102	—8,6779	+0,4291	—8,3124
1847	Libræ 7.8	1	43 25,41	3,298	,7166	,6548	,5182	+8,1215
1848	*h*² Bootis 6.7	3	43 25,95	2,137	,8669	,8043	,3298	—8,7295
1849	303 ——— 6.7	2	44 4,97	2,044	,8878	,8277	,3105	—8,7681
1850	1 Quad. Mur. 7	3	44 6,16	1,819	,9416	,8818	,2598	—8,8544
1851	304 Bootis 7	2	44 35,85	2,731	—8,7301	—8,6723	+0,4363	—8,2834
1852	37 Libræ 7.8	3	45 1,17	3,198	8,7043	8,6483	0,5049	+7,8697
1853	29 Urs. Min. 7.8	1	45 1,22	0,250	9,2250	9,1682	9,3979	—9,2047
1854	Libræ 7	2	45 22,43	3,064	8,6989	8,6445	0,4863	—6,3387
1855	331 Centauri 5.6	1	45 38,09	3,647	8,7759	8,7224	0,5619	+8,5143
1856	Bootis 7.8	1	45 45,54	2,765	—8,7225	—8,6691	+0,4417	—8,2330
1857	Urs. Min. 7.8	1	46 47,08	0,288	9,2134	9,1632	9,4594	—9,1922
1858	W Draconis ·6	2	47 14,87	1,527	8,9964	8,9485	0,1838	—8,9337
1859	317 Bootis 7.8	3	47 27,14	2,496	8,7703	8,7235	0,3972	—8,5025
1860	321 ——— 6	3	48 26,11	2,826	8,7091	8,6661	0,4512	—8,1249
1861	Lupi 7	1	48 40,09	3,892	—8,8257	—8,7840	+0,5902	+8,6556
1862	327 Bootis 7	3	49 37,62	2,700	,7252	,6868	,4314	—8,3025
1863	330 ——— 7	3	50 25,96	2,640	,7343	,6987	,4216	—8,3654
1864	——— 6.7	2	50 28,53	2,831	,7048	,6694	,4519	—8,1087
1865	*d* Quad. Mur. 6.7	3	50 54,76	1,976	,8843	,8501	,2958	—8,7703
1866	Libræ 7.8	3	50 57,61	3,233	—8,6964	—8,6631	+0,5096	+7,9481
1867	——— 7.8	2	51 4,30	3,363	,7110	,6781	,5267	+8,2006
1868	Quad. Mur. 7	3	51 35,34	2,630	,7336	,7025	,4200	—8,3704
1869	405 Hydræ 6	3	52 17,50	3,542	,7389	,7106	,5492	+8,4023
1870	π Libræ 6	3	52 46,14	3,102	,6866	,6600	,4916	+7,2540
1871	340 Bootis 6	3	53 17,29	2,301	—8,8005	—8,7758	+0,3619	—8,6077
1872	2 Serpentis 6	3	53 22,36	3,060	,6851	,6611	,4857	—6,6259
1873	339 Bootis 6.7	2	53 28,77	2,684	,7200	,6960	,4288	—8,3062
1874	338 Centauri 6 7	3	54 3,35	3,847	,8011	,7796	,5851	+8,6113
1875	65 Libræ 6.7	3	54 11,14	3,107	,6840	,6630	,4923	+7,3060
1876	339 Centauri 6.7	2	54 37,71	3,855	—8,8013	—8,7821	+0,5860	+8,6133
1877	τ Urs. Min. 6	3	54 59,36	0,934	9,0833	9,0646	+9,9703	—9,0160
1878	347 Bootis 7	3	55 40,88	2,481	8,7542	8,7385	+0,3946	—8,4822
1879	33 Urs. Min. 7		56	—0,532	9,2830	9,2683	—9,7259	—9,2690
1880	H Bootis 6.7	3	56 31,03	+2,395	8,7707	8,7583	+0,3793	—8,5384
1881	40 Solitarii 7.8	3	56 34,43	+3,473	—8,7168	—8,7049	+0,5407	+8,3172
1882	353 Bootis 6.7	3	56 43,29	2,578	8,7322	8,7203	+0,4113	—8,3997
1883	34 Urs. Min. 7	3	57 20,56	0,954	9,0709	9,0611	+9,9795	—9,0321
1884	72 Libræ 7.8	3	57 32,37	3,271	8,6875	8,6792	+0,5147	+8,0148
1885	Urs. Min. 7.8	2	58 4,92	—0,562	9,2795	9,2719	—9,7497	—9,2655
1886	361 Bootis 6.7	3	59 18,43	+2,909	—8,6804	—8,6786	+0,4637	—7,9017
1887	362 ——— 7	3	59 34,51	2,905	8,6802	8,6794	0,4631	—7,9126
1888	363 ——— 6.7	3	59 46,70	2,742	8,6979	8,6979	0,4381	—8,2120
1889	80 Libræ 7.8	3	59 57,48	3,293	8,6849	8,6857	0,5176	+8,0489
1890	40 Urs. Min. 7	3	15 0 17,37	0,088	9,1917	9,1931	9,9445	—9,1709

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						s.	″
1846	4	+23 35 48,13	—15,150	+9,8195	—9,4806	—1,1804	+9,8161	196	—,009	—0,01
1847	3	—14 42 21,52	15,142	+9,4048	+9,2831	,1802	,8164	194	—,005	—0,15
1848	3	+46 48 25,63	15,154	+9,8887	—9,7411	,1805	,8159	198	+,001	0,00
1849	5	+49 24 5,22	15,115	+9,8926	—9,7577	,1794	,8174	200	+,005	—0,02
1850	4	+54 55 1,01	15,112	+9,8960	—9,7902	,1793	,8175	202	—,002	—0,11
1851	4	+20 58 25,33	15,081	+9,8068	—9,4298	—1,1784	+9,8187	201	+,004	+0,08
1852	4	— 8 24 21,63	15,054	+9,5224	+9,0411	,1776	,8197	203	—,001	+0,04
1853	3	+72 39 17,40	15,066	+9,8797	—9,8557	,1780	,8193	210	—,031	+0,07
1854	3	+ 0 16 34,60	15,031	+9,6405	—9,5148	,1770	,8205	207	+,006	—0,08
1855	4	—33 10 43,42	15,015	+6,6998	+9,6130	,1765	,8211	204	—,002	+0,06
1856	4	+18 54 58,82	15,015	+9,7960	—9,3850	—1,1765	+9,8211	209	+,012	—0,01
1857	3	+72 17 16,63	14,965	+9,8837	—9,8520	,1751	,8230	219	+,014	+0,15
1858	3	+59 57 56,83	14,930	+9,8998	—9,8094	,1741	,8242	217	—,021	+0,06
1859	4	+32 41 25,24	14,914	+9,8597	—9,6038	,1736	,8248	215	+,016	0,00
1860	4	+15 6 59,68	14,856	+9,7738	—9,2857	,1719	,8269	221	+,003	—0,15
1861	4	—42 29 28,61	14,837	—9,1271	+9,6992	—1,1713	+9,8276	218	+,009	+0,06
1862	4	+22 13 32,64	14,786	+9,8176	—9,4452	,1698	,8294	227	—,016	+0,03
1863	3	+25 20 22,39	14,742	+9,8338	—9,4976	,1686	,8309	232	—,004	+0,01
1864	4	+14 42 6,16	14,738	+9,7723	—9,2704	,1684	,8311	231	+,002	—0,16
1865	3	+50 18 17,69	14,718	+9,9025	—9,7519	,1679	,8317	235	+,034	—0,34
1866	4	—10 16 1,71	14,703	+9,4857	+9,1171	—1,1674	+9,8321	233	+,013	—0,21
1867	3	—17 57 53,88	14,698	+9,3075	+9,3549	,1673	,8324	234	—,004	+0,06
1868	3	+25 42 40,70	14,671	+9,8363	—9,5014	,1664	,8334	236	+,012	—0,10
1869	4	—27 24 3,17	14,627	+8,8451	+9,5266	,1651	,8349	237	+,022	—0,08
1870	3	— 2 5 47,28	14,599	+9,6117	+8,4298	,1643	,8358	239	+,013	—0,13
1871	3	+39 55 20,79	14,571	+9,8882	—9,6687	—1,1635	+9,8367	248	—,002	—0,11
1872	4	+ 0 31 1,89	14,559	+9,6434	—7,8020	,1631	,8371	243	+,002	—0,06
1873	4	+22 42 12,69	14,559	+9,8228	—9,4473	,1631	,8371	247	+,004	+0,01
1874	3	—40 12 33,01	14,519	—9,0569	+9,6701	,1619	,8385	244	+,012	—0,22
1875	4	— 2 22 32,55	14,511	+9,6064	+8,4817	,1617	,8387	249	—,001	—0,19
1876	4	—40 25 5,88	14,483	—9,0719	+9,6708	—1,1608	+9,8397	250	+,014	—0,21
1877	3	+66 35 28,23	14,474	+9,9063	—9,8213	,1606	,8399	260	+,011	+0,09
1878	4	+32 20 8,04	14,426	+9,8681	—9,5852	,1591	,8415	258	+,003	+0,05
1879	4	+75 32	14,410	+9,8926	—9,8427	,1587	,8420	273		
1880	3	+35 51 21,88	14,373	+9,8808	—9,6232	,1576	,8432	263	+,009	0,00
1881	4	—23 28 50,72	14,365	+9,0792	+9,4557	—1,1573	+9,8435	261	+,003	—0,08
1882	4	+27 43 58,26	14,365	+9,8500	—9,5229	,1573	,8435	265	—,006	+0,16
1883	2	+66 7 49,24	14,333	+9,9112	—9,8155	,1563	,8445	274	—,003	+0,02
1884	3	—12 15 44,68	14,308	+9,4393	+9,1809	,1556	,8453	268	+,017	—0,11
1885	8	+75 33 25,62	14,296	+9,8954	—9,8392	,1552	,8457	283	+,001	—0,05
1886	4	+ 9 35 56,74	14,202	+9,7364	—9,0717	—1,1523	+9,8486	277	+,011	—0,17
1887	4	+ 9 51 46,60	14,187	+9,7389	—9,0823	,1518	,8491	279	—,003	—0,21
1888	4	+19 5 2,18	14,173	+9,8069	—9,3636	,1514	,8495	281	+,009	—0,11
1889	5	—13 21 43,39	14,161	+9,4133	+9,2131	,1511	,8499	280	+,006	—0,17
1890	4	+72 24 37,48	14,151	+9,9063	—9,8279	,1508	,8501	2	—,063	+0,16

No.	Star's Name and Mag.	No. Obs.	Right Ascension. Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
1891	82 Libræ 7.8	3	15 0 55,52	+ 3,147	—8,6726	—8,6772	+0,4979	+7,5922
1892	376 Bootis 6.7	3	1 5,17	2,834	8,6837	8,6887	,4524	—8,0627
1893	Urs. Min. 7.8	1	1 25,97	1,104	9,3243	9,3293	—0,0430	—9,3133
1894	*e* Lupi 6	3	1 46,83	3,985	8,8115	8,8195	+0,6004	+8,6525
1895	95 Libræ 6.7	3	4 17,67	3,244	8,6718	8,6890	,5111	+7,9283
1896	*g* Lupi 6	3	4 32,20	3,645	—8,7311	—8,7483	+0,5617	+8,4417
1897	385 Bootis 6.7	3	4 44,88	2,660	8,6995	8,7182	,4249	—8,2899
1898	97 Libræ 7	3	5 9,46	3,378	8,6843	8,7047	,5287	+8,1699
1899	*l* Lupi 6	3	5 14,66	3,905	8,7841	8,8051	+ ,5916	+8,6001
1900	42 Urs. Min. 7.8	3	6 5,01	— 0,428	9,2348	9,2576	—9,6314	—9,2187
1901	388 Bootis 7	3	6 14,24	+ 2,615	—8,6988	—8,7231	+0,4224	—8,3009
1902	391 ——— 6.7	3	7 21,00	2,449	,7320	,7606	,3890	—8,4609
1903	39 Lupi 6	3	8 9,09	3,895	,7738	,8059	,5905	+8,5836
1904	116 Libræ 7	3	10 28,93	3,217	,6569	,6977	,5074	+7,8291
1905	Quad. Mur. 6.7	3	10 48,03	1,824	,8578	,8993	,2610	—8,7516
1906	*o* Cor. Bor. 6.7	3	13 19,19	2,487	—8,7095	—8,7609	+0,3957	—8,4111
1907	3 ——— 6.7	2	13 59,30	2,590	,6895	,7432	,4133	—8,3240
1908	*v* Lupi 6 6	3	14 0,20	3,883	,7546	,8094	,5892	+8,5547
1909	15 Quad. Mur. 7.8	3	14 20,29	1,840	,8433	,8983	,2648	—8,7324
1910	51 Lupi 6	3	14 39,93	3,857	,7475	,8043	,5862	+8,5383
1911	*u* Bootis 6	3	15 11,96	2,402	—8,7210	—8,7796	+0,3806	—8,4629
1912	133 Libræ 6.7	3	15 13,75	3,076	,6420	,7008	,4880	+6,5371
1913	134 ——— 6.7	3	16 20,52	3,169	,6418	,7047	,5009	+7,6376
1914	*η* Cor. Bor. 6	3	16 23,49	2,464	,7059	,7690	,3916	—8,4160
1915	Lupi 6	3	16 45,57	3,809	,7317	,7966	,5808	+8,5031
1916	*ι* Urs. Min. 6	3	17 17,05	— 0,126	—9,1575	—9,2232	—9,1004	—9,1367
1917	16 Serpentis 6.7	3	18 28,01	+ 2,697	8,6621	8,7331	+0,4309	—8,1968
1918	——— 7	3	18 38,45	2,722	8,6582	8,7300	,4319	—8,1649
1919	ζ^2 Libræ 7	3	20 15,62	3,379	8,6500	8,7280	,5288	+8,1131
1920	13 Cor. Bor. 6.7	3	20 33,26	2,575	8,6754	8,7544	,4108	—8,3117
1921	21 Serpentis 6.7	3	21 37,12	2,754	—8,6471	—8,7302	+0,4400	—8,1114
1922	22 ——— 7.8	3	22 9,11	2,758	,6454	8,7306	,4406	—8,1047
1923	150 Libræ 7	3	22 15,06	3,436	,6522	8,7381	,5360	+8,1781
1924	18 Cor. Bor. 7.8	3	23 42,85	2,424	,6938	8,7849	,3845	—8,4158
1925	25 Serpentis 7.8	2	24 13,65	2,755	,6407	8,7339	,4401	—8,1008
1926	*d* Lupi 6	3	24 33,33	4,089	—8,7669	—8,8619	+0,6116	+8,6119
1927	τ^2 Serpentis 7.8	1	24 33,72	2,758	,6395	8,7340	,4406	—8,0950
1928	Draconis 6	2	24 42,96	1,040	,9611	9,0559	,0170	—8,9103
1929	ν^1 Bootis 5.6	4	25 0,12	2,150	,7448	8,8408	,3324	—8,5619
1930	29 Serpentis 6.7	3	25 28,51	2,758	,6372	8,7353	,4406	—8,0918
1931	ν^2 Bootis 5.6	3	25 52,60	2,145	—8,7432	—8,8425	+0,3314	—8,5638
1932	31 Serpentis 7	3	26 21,20	2,736	,6378	8,7392	0,4371	—8,1199
1933	74 Draconis 6.7	3	26 26,74	1,044	,9545	9,0557	0,0187	—8,9029
1934	75 ——— 7	3	28 38,05	0,830	,9816	9,0914	9,9191	—8,9380
1935	173 Libræ 7	4	28 48,88	3,331	,6237	8,7351	0,5226	+8,0074

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						s.	″
1891	4	— 4 45 29,53	—14,098	+9,5717	+8,7668	—1,1492	+9,8517	286	—,010	—0,20
1892	4	+13 52 4,48	14,090	+9,7723	—9,2260	,1489	,8520	287	—,011	+0,02
1893	3	+77 10 39,48	14,090	+9,8971	—9,8359	,1489	,8520	7	—,011	+0,04
1894	2	—43 52 11,15	14,044	—9,2577	+9,6863	,1475	,8534	288	+,001	—0,12
1895	4	—10 22 52,42	13,890	+9,4728	+9,0972	,1427	,8579	9	+,009	—0,11
1896	3	—30 53 48,11	13,890	+7,3010	+9,5513	—1,1427	+9,8579	10	+,002	—0,07
1897	3	+22 56 25,69	13,864	+9,8331	—9,4303	,1419	,8586	13	+,017	—0,04
1898	4	—17 48 17,75	13,835	+9,2833	+9,3247	,1410	,8595	14	,000	+0,03
1899	4	—10 52 16,63	13,826	—9,1643	+9,6547	,1407	,8597	11	+,005	—0,03
1900	4	+74 31 23,24	13,797	+9,9112	—9,8217	,1398	,8606	27	+,013	+0,07
1901	4	+23 36 6,74	13,772	+9,8370	—9,4392	—1,1390	+9,8613	18	+,016	+0,24
1902	3	+32 24 26,22	13,699	+9,8791	—9,5635	,1367	,8633	24	+,021	—0,09
1903	4	—40 10 39,17	13,640	—9,1523	+9,6127	,1348	,8649	23	+,004	—0,16
1904	3	— 8 32 13,32	13,495	+9,5038	+9,0004	,1301	,8689	32	+,006	—0,03
1905	4	+51 33 6,59	13,481	+9,9289	—9,7215	,1297	,8692	39	+,003	—0,01
1906	4	+30 13 4,29	13,312	+9,8756	—9,5238	—1,1242	+9,8737	49	+,003	—0,18
1907	3	+25 33 27,13	13,273	+9,8543	—9,4555	,1230	,8747	53	+,008	0,00
1908	4	—39 6 54,20	13,255	—9,1367	+9,6205	,1224	,8751	47	—,004	—0,06
1909	3	+50 48 48,34	13,251	+9,9320	—9,7094	,1222	,8752	56	+,019	—0,09
1910	3	—38 8 29,77	13,220	—9,0899	+9,6100	,1212	,8760	52	—,008	—0,05
1911	3	+33 31 42,44	13,190	+9,8910	—9,5601	—1,1202	+9,8768	59	—,007	—0,05
1912	4	— 0 25 46,81	13,186	+9,6314	+7,7132	,1201	,8769	58	+,008	—0,18
1913	4	— 5 39 27,86	13,115	+9,5527	+8,8115	,1178	,8787	63	+,022	—0,13
1914	4	+30 53 16,66	13,110	+9,8814	—9,5258	,1176	,8788	67	+,020	—0,20
1915	3	—36 10 51,90	13,079	—8,9912	+9,5859	,1166	,8795	64	—,003	—0,06
1916	3	+72 25 21,73	13,067	+9,9315	—9,7933	—1,1161	+9,8799	78	+,038	+0,01
1917	3	+20 3 49,73	12,974	+9,8254	—9,3458	,1130	,8821	72	,000	—0,15
1918	3	+18 45 19,03	12,960	+9,8169	—9,3173	,1126	,8824	76	—,005	—0,04
1919	4	—16 51 55,39	12,852	+9,2833	+9,2700	,1090	,8850	80	+,008	—0,03
1920	3	+25 40 49,13	12,835	+9,8597	—9,4428	,1084	,8855	83	+,010	—0,05
1921	4	+16 58 3,34	12,763	+9,8062	—9,2682	—1,1059	+9,8871	89	—,017	+0,08
1922	4	+16 45 53,22	12,726	+9,8048	—9,2620	,1047	,8877	93	+,013	+0,08
1923	3	—19 35 41,91	12,713	+9,1732	+9,3283	,1043	,8882	91	+,014	—0,16
1924	4	+31 51 21,96	12,623	+9,8915	—9,5212	,1012	,8903	100	+,021	—0,03
1925	3	+16 48 3,17	12,586	+9,8062	—9,2580	,0999	,8911	103	+,026	—0,02
1926	3	—44 23 56,08	12,555	—9,3729	+9,6419	—1,0988	+9,8918	99	+,007	—0,15
1927	4	+16 37 15,78	12,564	+9,8048	—9,2526	,0991	,8916	105	+,008	—0,03
1928	3	+62 50 49,42	12,559	+9,9199	—9,7462	,0990	,8917	110	—,053	—0,17
1929	3	+41 24 0,38	12,537	+9,9253	—9,6163	,0982	,8922	108	+,009	+0,08
1930	4	+16 34 31,82	12,500	+9,8055	—9,2496	,0969	,8930	109	+,011	+0,05
1931	4	+41 27 50,08	12,177	+9,9258	—9,6148	—1,0961	+9,8935	112	+,003	+0,08
1932	4	+17 41 55,90	12,141	+9,8142	—9,2750	,0949	,8944	114	+,005	—0,06
1933	4	+62 39 57,46	12,445	+9,9523	—9,7418	,0950	,8943	119	+,009	—0,04
1934	3	+64 45 51,38	12,294	+9,9538	—9,7441	,0897	,8975	136	+,019	—0,01
1935	3	—13 58 49,04	12,266	+9,3617	+9,1713	,0887	,8981	125	+,029	—0,01

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Anuual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
1936	π^4 Serpentis	6	3	15 28 49,59	+2,772	—8,6272	—8,7383	+0,4428	—8,0577
1937	175 Libræ	7	2	29 18,08	3,332	,6226	,7358	,5227	+8,0057
1938	72 Lupi	5.6	3	29 18,61	3,779	,6903	,8035	,5774	+8,4366
1939	23 Quad. Mur.	7	3	30 16,53	1,779	,8042	,9208	,2502	—8,6918
1940	28 Cor. Bor.	7.8	3	31 11,98	2,570	,6478	,7683	,4099	—8,2745
1941	ϕ Bootis	6	3	31 51,05	2,145	—8,7245	—8,8477	+0,3314	—8,5403
1942	h Lupi	5.6	3	31 56,26	3,870	,6998	,8237	,5877	+8,4782
1943	46 Serpentis	7.8	3	32 6,81	2,745	,6217	,7457	,4385	—8,0835
1944	73 Lupi	5 6	3	32 11,62	3,794	,6846	,8093	,5791	+8,1342
1945	32 Cor. Bor.	6.7	3	32 26,20	2,314	,6896	,8148	,3644	—8,4502
1946	c Quad. Mur.	7	3	32 59,43	1,906	—8,7694	—8,8968	+0,2801	—8,6359
1947	154 Libræ	7	3	33 30,02	3,366	,6151	,7448	,5271	+8,0120
1948	28 Quad. Mur.	7	3	33 45,14	1,899	,7685	,8987	,2785	—8,6358
1949	78 Lupi	6.7	3	36 13,04	3,803	,6741	,8150	,5801	+8,4237
1950	61 Serpentis	7	3	37 17,66	2,730	,6093	,7539	,4362	—8,0813
1951	π Cor. Bor.	6	3	37 29,24	2,362	—8,6654	—8,733		—8,4017
1952	Urs. Min.	8	3	38 32,85	—1,637	9,2336	9,140	—9,2220	—8,3223
1953	75 Serpentis	6.7	6	40 18,67	+3,132	8,5818	8,4958	+7,3463	—8,3240
1954	77 ———	7	1	40 31,91	2,789	8,5940	8,4454	—7,9869	+8,5547
1955	79 ———	6.7	3	41 5,67	2,810	8,5905	8,7507	,4487	—7,9497
1956	80 Serpentis	7.8	2	41 19,46	3,134	—8,5791	—8,7401	+0,4961	+7,3564
1957	50 Cor. Bor.	6	2	41 47,00	2,467	,6337	8,7965	0,3922	—8,3142
1958	85 Serpentis	6.7	3	41 49,01	2,813	,5884	8,7513	0,4492	—7,9421
1959	81 Draconis	6.7	3	44 10,36	0,883	,9153	9,0872	9,9160	—8,8656
1960	93 Serpentis	7	3	45 28,53	2,709	,5883	8,7661	0,4328	—8,0755
1961	92 Serpentis	7.8	3	45 28,54	2,815	—8,5777	—8,7556	+0,4495	—7,9243
1962	r ———	6 7	3	45 31,24	2,796	,5791	,7572	,4465	—7,9541
1963	g^2 Scorpio	6.7	3	45 51,82	3,746	,6337	,8135	,5736	+8,3193
1964	96 Serpentis	6.7	3	46 2,02	2,737	,5837	,7636	,4373	—8,0382
1965	ξ Lupi	6.7	3	46 21,79	3,806	,6427	,8247	,5805	+8,3844
1966	100 Serpentis	6.7	3	46 42,33	2,890	—8,5686	—8,7516	+0,4609	—7,7661
1967	χ Herculis	6	3	46 58,37	2,029	,6979	,8815	,3073	—8,5309
1968	Scorpio	7	3	47 33,49	3,498	,5905	,7771	,5438	+8,1451
1969	———	7	3	48 1,59	3,545	,5954	,7840	,5496	+8,1881
1970	102 Serpentis	7	3	48 16,62	2,679	,5830	,7727	,4280	—8,0979
1971	Serpentis	7.8	3	48 20,04	2,854	—8,5662	—8,7559	+0,4541	—7,8376
1972	———	7	3	49 0,20	2,992	,5575	,7500	,4760	—7,8864
1973	6 Herculis	6.7	3	49 7,91	1,997	,6963	,8893	,3004	—8,5349
1974	λ Cor. Bor.	6	3	49 47,32	2,174	,6603	,8558	,3373	—8,4536
1975	7 Herculis	6.7	3	49 57,41	2,015	,6898	,8862	,3043	—8,5239
1976	207 Libræ	7	3	50 51,21	3,203	—8,5558	—8,7544	+0,5056	+7,6293
1977	109 Serpentis	7	2	51 38,00	3,047	,5486	,7522	,4839	—6,8252
1978	64 Cor. Bor.	7	3	52 8,15	2,401	,6116	,8172	,3804	—8,3167
1979	93 Lupi	6.7	3	52 27,08	3,960	,6505	,8575	,5977	+8,4412
1980	Cor. Bor.	7.8	3	52 33,62	2,517	,5918	,7991	,4009	—8,2318

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P.M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s*	″
1936	3	+15 39 5,46	—12,271	+9,8000	—9,2174	—1,0889	+9,8980	130	+,006	—0,15
1937	4	—13 57 54,93	12,234	+9,3617	+9,1688	,0876	,8988	132	+,011	—0,05
1938	4	—33 51 56,71	12,234	—8,9138	+9,5318	,0876	,8988	128	+,002	—0,01
1939	4	+50 32 52,91	12,174	+9,9489	—9,6711	,0854	,9001	140	+,009	—0,15
1940	4	+25 3 56,34	12,105	+9,8639	—9,4077	,0829	,9015	142	+,010	—0,20
1941	3	+40 53 42,11	12,058	+9,9299	—9,5951	—1,0813	+9,9021	147	+,012	—0,22
1942	3	—36 53 16,44	12,044	—9,1238	+9,5572	,0808	,9027	141	—,013	—0,14
1943	4	+16 51 13,32	12,044	+9,8102	—9,2106	,0808	,9027	146	+,021	+0,09
1944	3	—34 10 21,35	12,030	—8,9542	+9,5279	,0803	,9030	143	+,005	+0,01
1945	4	+35 12 58,39	12,021	+9,9117	—9,5387	,0799	,9032	148	+,002	—0,14
1946	4	+47 20 43,22	11,983	+9,9460	—9,6431	—1,0786	+9,9040	153	+,012	—0,15
1947	3	—15 28 44,30	11,941	+9,3075	+9,2020	,0770	,9048	150	—,009	—0,21
1948	3	+47 28 0,72	11,932	+9,9469	—9,6420	,0767	,9049	156	+,015	+0,02
1949	4	—34 9 29,68	11,713	—8,9823	+9,5174	,0698	,9087	161	+,002	—0,01
1950	3	+17 15 43,38	11,677	+9,8162	—9,2375	,0673	,9100	165	+,008	—0,01
1951	4	+33 2 26,40	11,668	+9,9069	—9,5013	—1,0670	+9,9101	167	+,003	—0,13
1952	3	+76 59 27,08	11,611	+9,9504	—9,7516	,0649	,9112	181	+,028	+0,18
1953	3	— 3 18 23,26	11,458	+9,5855	+8,5216	,0591	,9141	175	,000	+0,01
1954	4	+14 18 21,88	11,439	+9,7952	—9,1486	,0584	,9144	176	+,003	—0,23
1955	3	+13 14 4,70	11,401	+9,7860	—9,1141	,0569	,9151	179	+,003	—0,06
1956	3	— 3 24 38,77	11,386	+9,5844	+8,5317	—1,0564	+9,9154	180	+,004	+0,05
1957	3	+28 40 3,15	11,352	+9,8899	—9,4336	,0551	,9160	185	+,019	0,00
1958	4	+13 3 58,70	11,352	+9,7847	—9,1069	,0551	,9160	183	+,015	—0,01
1959	4	+63 6 40,25	11,194	+9,9727	—9,6973	,0490	,9188	198	+,029	—0,06
1960	3	+17 53 59,61	11,087	+9,8254	—9,2301	,0448	,9207	203	—,008	—0,07
1961	3	+12 50 55,62	11,087	+9,7839	—9,0894	—1,0448	+9,9207	201	+,007	—0,08
1962	3	+13 43 7,28	11,082	+9,7924	—9,1176	,0446	,9208	202	—,009	—0,72
1963	3	—31 17 44,58	11,053	—8,7924	+9,4571	,0435	,9213	199	+,003	—0,07
1964	4	+16 34 16,79	11,048	+9,8156	—9,1959	,0433	,9214	206	+,003	+0,09
1965	3	—33 28 29,00	11,014	—8,9956	+9,4817	,0419	,9219	204	+,006	+0,04
1966	3	+ 9 4 18,36	10,995	+9,7490	—8,9367	—1,0412	+9,9223	208	+,012	—0,06
1967	3	+42 54 57,59	10,984	+9,9479	—9,5718	,0408	,9224	211	+,057	—0,55
1968	3	—20 59 55,29	10,931	+9,0170	+9,2913	,0387	,9233	210	+,042	—0,01
1969	3	—23 2 29,69	10,897	+8,8451	+9,3281	,0373	,9239	213	+,014	+0,05
1970	3	+19 6 29,65	10,878	+9,8357	—9,2494	,0365	,9242	215	—,007	—0,03
1971	3	+10 47 5,91	10,878	+9,7657	—9,0059	—1,0365	+9,9242	214	+,018	—0,06
1972	3	+ 3 53 17,28	10,828	+9,6902	—8,5615	,0346	,9251	220	+,012	—0,10
1973	4	+43 37 22,43	10,819	+9,9518	—9,5708	,0342	,9252	221	+,012	+0,06
1974	3	+38 25 40,66	10,774	+9,9365	—9,5238	,0324	,9260	224	+,008	+0,03
1975	4	+43 3 1,07	10,760	+9,9508	—9,5639	,0318	,9262	226	+,008	+0,02
1976	3	— 6 49 31,64	10,685	+9,5185	+8,8023	—1,0288	+9,9274	227	+,012	—0,06
1977	4	+ 1 5 55,10	10,631	+9,6532	—8,0012	,0266	,9283	230	—,008	+0,10
1978	3	+30 28 43,46	10,597	+9,9053	—9,4282	,0252	,9288	233	+,018	—0,11
1979	3	—38 8 0,17	10,572	—9,2648	+9,5130	,0242	,9292	232	,000	+0,05
1980	3	+25 54 27,94	10,567	+9,8814	—9,3620	,0240	,9293	235	+,019	+0,07

Mean Right Ascension and Declination of 3000 *Stars*

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
1981	68 Cor. Bor.	6 3	15 52 52,18	+2,208	—8,6431	—8,8518	+0,3440	—8,4236
1982	ρ ———	6 3	54 44,50	2,303	,6195	,8362	,3623	—8,3648
1983	ι ———	6 3	54 50,11	2,401	,6027	,8196	,3804	—8,3056
1984	Scorpii	6 3	55 51,73	3,470	,5606	,7824	,5403	+8,0808
1985	56 ———	7 3	56 10,13	3,468	,5592	,7824	,5401	+8,0770
1986	12 Herculis	7 3	56 25,17	2,690	—8,5560	—8,7801	+0,4298	—8,0514
1987	Lupi	7 3	56 26,45	3,911	,6272	,8516	,5923	+8,3997
1988	———	7.8	56	3,911	,6260	,8518	,5923	+8,3981
1989	74 Cor. Bor.	6.7 3	57 15,59	2,199	,6294	,8567	,3422	—8,4097
1990	Lupi	7 3	57 33,02	3,988	,6374	,8664	,6008	+8,4329
1991	Scorpii	7 3	58 0,63	3,662	—8,5798	—8,8108	+0,5637	+8,2413
1992	Serpentis	7	58	2,857	8,5357	8,7667	+ ,4559	—7,7908
1993	61 Ursæ Min.	7.8 3	59 2,94	—1,572	9,1457	9,3777	— ,1964	—9,1307
1994	r^2 Scorpii	6.7 3	59 19,12	+3,822	8,6011	8,8379	+ ,5823	+8,3384
1995	23 Normæ	7 3	59 39,38	4,221	8,6726	8,9112	+ ,6254	+8,5214
1996	ω Lupi	6.7 3	16 0 4,46	4,064	—8,6419	—8,8819	+0,6089	+8,4561
1997	Scorpii	7 3	0 7,51	3,226	,5258	,7658	,5087	+7,6575
1998	Serpentis	7 3	0 39,98	2,884	,5252	,7679	,4600	—7,7211
1999	67 Scorpii	5 6 2	0 47,97	3,711	,5775	,8207	,5695	+8,2628
2000	q Herculis	6.7 3	1 20,45	2,699	,5387	,7840	,4312	—8,0200
2001	76 Scorpii	7 3	1 53,71	3,229	—8,5199	—8,7679	+0,5091	+7,6571
2002	ν ———	7 3	2 24,98	3,470	,5384	,7887	,5403	+8,0518
2003	τ Cor. Bor.	5.6 3	2 56,33	2,192	,6095	,8619	,3408	—8,3880
2004	φ Herculis	6 3	3 34,12	1,887	,6636	,9186	,2758	—8,5157
2005	Serpentis	7 3	4 52,17	3,226	,5095	,7708	,5087	+7,6356
2006	85 Scorpii	6 7 3	4 54,22	3,616	—8,5483	—8,8099	+0,5582	+8,1753
2007	28 Herculis	7 3	5 3,19	1,926	,6500	,9119	,2847	—8,4938
2008	133 Serpentis	7 5	5 37,30	2,776	,5163	,7806	,4434	—7,8990
2009	Cor. Bor.	6 3	5 46,30	2,189	,5997	,8644	,3402	—8,3775
2010	138 Serpentis	7 3	6 43,20	2,897	,5038	,7733	,4619	—7,6615
2011	p Herculis	7 2	7 14,75	2,819	—8,5069	—8,7788	+0,4501	—7,8218
2012	———	7 3	7 39,83	1,835	,6566	,9300	,2636	—8,5154
2013	λ Normæ	6.7 1	7 49,82	4,141	,6259	,9008	,6171	+8,4538
2014	37 Herculis	6.7 3	8 10,13	2,656	,5190	,7951	,4242	—8,0364
2015	36 ———	7 3	8 13,72	2,821	,5032	,7796	,4504	—7,8151
2016	σ Cor. Bor.	6 3	8 30,04	2,263	—8,5756	—8,8534	+0,3547	—8,3261
2017	38 Herculis	6 7 4	9 3,53	2,443	,5444	,8245	,3879	—8,2136
2018	101 Scorpii	7.8 1	10 25,53	3,492	,5117	,7986	,5431	+8,0384
2019	42 Herculis	6.7 3	10 51,50	2,539	,5237	,8121	,4047	—8,1330
2020	44 ———	7 3	11 33,56	2,480	,5294	,8210	,3944	—8,1759
2021	90 Draconis	7 3	11 46,09	1,452	—8,7084	—9.0006	+0,1620	—8,6144
2022	109 Scorpii	7 3	13 20,62	3,243	,4796	8,7799	0,5109	+7.6416
2023	Draconis	7.8 3	13 40,61	0,284	,8787	9,1794	9,4533	—8,8419
2024	110 Scorpii	7 3	14 18,94	3,740	,5307	8,8358	0,5729	+8,2205
2025	———	7 3	14 22,73	3,672	,5201	8,8255	0,5649	+8,1737

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P.M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s.*	″
1981	4	+37 6 59,36	—10,542	+9,9340	—9,5014	—1,0229	+9,9297	239	+ 15	+0,24
1982	3	+33 48 19,15	10,403	+9,9222	—9,4605	,0172	,9318	246	—,012	—0,78
1983	4	+30 18 58,30	10,398	+9,9063	—9,4179	,0170	,9319	247	+,003	—0,19
1984	3	—19 20 36,16	10,313	+9,0969	+9,2317	,0134	,9332	252	—,003	—0,07
1985	3	—19 13 26,06	10,288	+9,1038	+9,2281	,0123	,9336	254	—,001	—0,15
1986	3	+18 15 41,70	10,274	+9,8331	—9,2051	—1,0117	+9,9338	258	+,002	+0,02
1987	3	—36 17 59,46	10,268	—9,2014	+9,4820	,0115	,9339	255	+,009	—0,04
1988	3	—36 16 17,29	10,243	—9,2014	+9,4806	,0104	,9343	256		—0,37
1989	4	+37 5 28,46	10,218	+9,9370	—9,4877	,0094	,9347	266	+,012	—0,04
1990	4	—38 38 29,39	10,187	—9,2988	+9,5017	,0081	,9351	261	+,007	+0,08
1991	3	—27 16 50,12	10,153	—7,9912	+9,3661	—1,0066	+9,9356	264	+,019	—0,01
1992	3	+10 23 15,29	10,153	+9,7649	—8,9597	,0066	,9356	267		—0,16
1993	3	+76 2 45,35	10,104	+9,9745	—9,6894	,0044	,9364	288	+,011	+0,21
1994	4	—33 5 58,88	10,052	—9,0334	+9,4375	,0023	,9371	271	+,004	—0,06
1995	3	—44 53 28,22	10,022	—9,4829	+9,5477	,0009	,9375	272	+,012	—0,23
1996	4	—40 40 30,24	9,996	—9,3729	+9,5120	—0,9998	+9,9379	274	+,003	—0,18
1997	2	— 7 46 27,45	9,997	+9,4955	+8,8296	,9999	,9379	278	—,008	0,00
1998	3	+ 9 3 27,26	9,951	+9,7520	—8,8918	,9979	,9386	283	+,011	—0,09
1999	4	—28 58 19,29	9,941	—8,6128	+9,3808	,9974	,9387	280	—,008	—0,02
2000	4	+17 38 56,25	9,905	+9,8306	—9,1752	,9959	,9392	286	+,001	—0,06
2001	3	— 7 51 38,99	9,860	+9,4928	+8,8291	—0,9939	+9,9398	1	+,007	—0,02
2002	3	—19 0 52,61	9,819	+9,1004	+9,2035	,9921	,9404	3	+,027	—0,09
2003	4	+36 54 52,47	9,783	+9,9400	—9,4670	,9905	,9109	9	+,004	+0,38
2004	3	+45 22 15,27	9,737	+9,9670	—9,5386	,9884	,9415	13	—,018	+0,07
2005	4	— 7 41 30,12	9,630	+9,4955	+8,8078	,9836	,9430	16	+,008	—0,20
2006	4	—25 3 8,03	9,625	+8,3222	+9,3085	—0,9834	+9,9431	14	—,001	—0,20
2007	4	+44 15 48,25	9,620	+9,9652	—9,5249	,9832	,9431	22	—,010	—0,36
2008	3	+13 58 23,55	9,580	+9,8014	—9,0620	,9813	,9437	23	+,020	—0,48
2009	4	+36 51 20,14	9,574	+9,9415	—9,4569	,9811	,9438	25	+,016	—0,04
2010	3	+ 8 16 51,38	9,492	+9,7451	—8,8331	,9774	,9449	27	,000	—0,05
2011	3	+11 54 51,69	9,451	+9,7832	—8,9884	—0,9755	+9,9454	30	+,002	—0,12
2012	3	+46 19 7,43	9,429	+9,9722	—9,5312	,9743	,9457	33	—,005	+0,09
2013	4	—42 15 42,33	9,400	—9,4362	+9,4990	,9731	,9461	29	—,010	—0,15
2014	4	+19 13 44,24	9,379	+9,8457	—9,1876	,9722	,9463	34	+,008	—0,19
2015	3	+11 50 26,49	9,374	+9,7825	—8,9818	,9719	,9464	32	—,003	+0,04
2016	3	+34 16 50,57	9,351	+9,9330	—9,4194	—0,9709	+9,9467	38	—,012	—0,10
2017	4	+27 50 21,03	9,312	+9,9020	—9,3363	,9690	,9472	40	+,002	—0,19
2018	2	—19 38 17,47	9,198	+9,0414	+9,1884	,9637	,9487	44	+,011	—0,13
2019	4	+24 0 52,86	9,172	+9,8797	—9,2698	,9625	,9490	51	+,008	0,00
2020	3	+26 18 15,16	9,120	+9,8913	—9,3045	,9600	,9496	54	+,005	+0,01
2021	4	+53 39 2,03	9,110	+9,9886	—9,5635	—0,9595	+9,9498	56	+,005	—0,04
2022	3	— 8 20 38,71	8,975	+9,4757	+8,8131	,9530	,9514	58	—,003	0,00
2023	4	+66 47 16,68	8,970	+9,9969	—9,6141	,9528	,9515	69		+0,12
2024	4	—29 18 37,75	8,896	—8,7853	+9,3371	,9492	,9524	60	+,007	—0,11
2025	3	—26 45 30,51	8,891	—8,2041	+9,3005	,9490	,9524	61	+,020	+0,01

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
2026	κ Urs. Maj. 6	3	16 15 37,45	—1,841	—9,0923	—9,4016	—0,2650	—9,0797
2027	*o* Herculis 6 7	3	16 8,85	+2,914	8,4677	8,7815	+ ,4645	—7,5727
2028	55 ——— 7	3	16 36,44	+2,295	8,5376	8,8533	+ ,3608	—8,2704
2029	66 Urs. Min. 6.7	3	16 45,62	—1,615	9,0677	9,3825	— ,2082	—9,0539
2030	19 Ophiuchi 7	3	19 54,30	+3,232	8,4533	8,7873	+ ,5095	+7,5841
2031	Normæ 7	3	20 26,50	3,886	—8,5282	—8,8632	+0,5895	+8,2756
2032	116 Scorpii 7	3	21 15,97	3,665	,4906	,8295	,5641	+8,1353
2033	73 Herculis 7	3	21 41,62	2,277	,5189	,8596	,3574	—8,2558
2034	μ Normæ 6	3	22 22,59	4,231	,5793	,9243	,6264	+8,4186
2035	27 Ophiuchi 7	3	22 23,78	3,229	,4426	,7873	,5091	+7,5612
2036	30 Ophiuchi 7	3	23 14,26	3,409	—8,4515	—8,8006	+0,5326	+7,8816
2037	81 Herculis 7	3	24 3,93	2,858	,4381	,7913	,4561	—7,6677
2038	57 Normæ 7	3	24 21,47	3,936	,5190	,8738	,5951	+8,2815
2039	33 Ophiuchi 7	3	24 42,54	3,151	,4302	,7864	,4984	+7,2628
2040	ν^1 Normæ 7	3	24 48,42	4,189	,5611	,9180	,6221	+8,3910
2041	90 Herculis 7	3	25 19,57	2,247	—8,5077	—8,8666	+0,3516	—8,2537
2042	β Normæ 6	2	25 31,89	3,923	,5114	,8724	,5936	+8,2691
2043	95 Herculis 7	3	25 34,42	1,643	,6119	,9719	,2156	—8,4917
2044	34 Ophiuchi 7	3	25 38,53	3,236	,4292	,7902	,5100	+7,5619
2045	ν^2 Normæ 6.7	3	26 47,26	4,216	,5563	,9235	,6249	+8,3906
2046	98 Herculis 7	3	27 3,61	2,335	—8,4855	—8,8535	+0,3683	—8,1952
2047	36 Ophiuchi 7	3	27 33,58	3,252	,4215	,7926	,5121	+7,5920
2048	101 Herculis 7	3	27 56,31	2,092	,5214	,8939	,3206	—8,3148
2049	100 ——— 7	3	28 2,67	2,682	,4349	,8085	,4285	—7,9107
2050	——— 7.8	3	28 2,85	2,682	,4350	,8086	,4285	—7,9116
2051	120 Scorpii 7.8	2	28 55,07	3,466	—8,4319	—8,8104	+0,5398	+7,9191
2052	Herculis 7.8	2	29 10,68	2,593	,4396	8,8191	0,4138	—7,9955
2053	105 ——— 7.8	2	29 24,94	2,742	,4232	8,8039	0,4381	—7,8305
2054	——— 7.8	2	29 48,11	2,713	,4240	8,8067	0,4334	—7,8652
2055	106 Draconis 7	2	30 7,00	0,827	,7226	9,1061	9,9175	—8,6651
2056	107 Herculis 7	3	30 11,89	2,760	—8,4180	—8,8030	+0,4409	—7,8022
2057	——— 7	3	30 34,73	2,158	,4975	8,8842	0,3310	—8,2706
2058	123 Scorpii 7	2	30 51,26	3,520	,4288	8,8176	0,5465	+7,9646
2059	Draconis 7.8	2	30 56,96	0,622	,7478	9,1359	9,7938	—8,6984
2060	128 Scorpii 7.8	3	31 44,70	3,464	,4183	8,8123	0,5396	+7,9020
2061	131 Scorpii 6	3	32 12,02	3,510	—8,4213	—8,8174	+0,5453	+7,9472
2062	107 Draconis 6	2	32 17,70	1,408	,6185	9,0143	0,1486	—8,5222
2063	108 ——— 6	1	32 19,84	1,409	,6183	9,0145	0,1489	—8,5221
2064	m^1 Herculis 7.8	3	32 23,93	2,970	,3960	8,7929	0,4728	—7,2939
2065	m^2 ——— 7	3	32 27,61	2,970	,3957	8,7929	0,4728	—7,2935
2066	Draconis 7	2	32 39,47	0,848	—8,7054	—9,1034	+9,9284	—8,6164
2067	Serpentis 7.8	3	32 54,28	3,034	,3923	8,7921	0,4820	—6,8291
2068	121 Herculis 6.7	2	33 10,89	2,788	,4016	8,8029	0,4453	—7,7443
2069	D^2 Scorpii 6	2	33 17,93	4,130	,5091	8,9115	0,6159	+8,3219
2070	48 Ophiuchi 6.7	2	33 21,48	3,036	,3900	8,7924	0,4823	—6,8080

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						s.	″
2026	3	+76 17 25,51	— 8,828	+9.9890	—9,6313	—0,9459	+9,9532	82	+,002	+0,05
2027	3	+ 7 20 9,77	8,755	+9,7364	—8,7453	,9423	,9540	75	+,004	+0,03
2028	4	+32 43 19,94	8,723	+9,9304	—9,3715	,9107	,9544	79	+,004	—0,11
2029	4	+75 36 58,22	8,739	+9,9912	—9,6256	,9415	,9542	86	—,011	0,00
2030	3	— 7 45 8,49	8,460	+9,4871	+8,7562	,9274	,9591	88	,000	—0,01
2031	4	—33 57 51,44	8,413	—9,1673	+9,3703	—0,9249	+9,9579	90	—,008	—0,03
2032	3	—26 10 12,92	8,349	—8,0792	+9,2643	,9216	,9586	93	+,001	—0,03
2033	3	+33 4 15,70	8,322	+9,9345	—9,3552	,9203	,9589	97	+,009	—0,02
2034	3	—43 41 9,45	8,253	—9,4983	+9,4539	,9166	,9597	95	—,007	—0,07
2035	3	— 7 33 20,14	8,258	+9,1914	+8,7335	,9169	,9596	98	+,005	—0,04
2036	3	—15 37 21,89	8,190	+9,2355	+9,0414	—0,9133	+9,9603	101	—,002	—0,23
2037	4	+ 9 46 25,74	8,126	+9,7657	—8,8373	,9099	,9610	107	+,006	—0,20
2038	4	—35 22 18,23	8,092	—9,2430	+9,3690	,9084	,9613	104	—,003	—0,08
2039	3	— 3 54 11,47	8,078	+9,5694	+8,4379	,9073	,9615	110	—,003	—0,25
2040	3	—42 30 28,45	8,067	—9,4757	+9,1346	,9067	,9616	106	+,026	—0,06
2041	4	+33 52 17,53	8,035	+9,9400	—9,3191	—0,9050	+9,9629	106	+,007	—0,18
2042	3	—31 54 31,01	8,003	—9,2279	+9,3590	,9033	,9623	111	+,006	—0,23
2043	3	+49 19 21,67	8,019	+9,9903	—9,4820	,9011	,9621	118	—,001	—0,22
2044	3	— 7 47 47,11	8,003	+9,4857	+8,7339	,9033	,9623	115	+,010	—0,25
2045	3	—43 3 14,24	7,906	—9,4914	+9,4303	,8980	,9633	117	+,005	—0,01
2046	4	+30 51 0,26	7,896	+9,9262	—9,3052	—0,8974	+9,9634	120	+,005	—0,05
2047	3	— 8 30 28,73	7,848	+9,4669	+8,7633	,8947	,9639	119	+,003	+0,07
2048	3	+38 26 10,03	7,826	+9,9600	—9,3849	,8936	,9641	127	+,015	—0,09
2049	3	+17 24 12,50	7,810	+9,8883	—9,0664	,8927	,9642	125	+,003	—0,01
2050	3	+17 26 48,85	7,810	+9,8388	—9,0672	,8927	,9642	126	+,001	+0,01
2051	4	—17 52 51,29	7,735	+9,1139	+9,0737	—0,8885	+9,9650	128	+,003	+0,02
2052	3	+21 5 55,21	7,719	+9,8675	—9,1415	,8875	,9651	131	+,019	+0,03
2053	4	+ 14 48 50,66	7,702	+9,8169	—8,9920	,8866	,9653	133	+,009	—0,18
2054	3	+16 3 2,37	7,670	+9,8274	—9,0241	,8848	,9656	134	+,008	0,00
2055	3	+61 10 17,20	7,660	+0,0077	—9,5247	,8842	,9657	140	+,023	+0,06
2056	2	+14 1 35,86	7,638	+9,8096	—8,9652	—0,8830	+9,9659	136	,000	—0,13
2057	4	+36 22 51,26	7,611	+9,9533	—9,3525	,8814	,9662	139	+,005	+0,08
2058	3	—20 4 46,12	7,578	+8,9542	+9,1134	,8796	,9665	137	—,003	—0,02
2059	3	+63 12 0,25	7,590	+0,0094	—9,5288	,8802	,9663	116	—,012	+0,19
2060	3	—17 43 48,48	7,503	+9,1173	+9,0570	,8752	,9672	142	+,006	—0,07
2061	3	—19 36 7,38	7,470	+8,9912	+9,0974	—0,8734	+9,9675	145	—,008	—0,24
2062	3	+53 14 4,13	7,476	+0,0013	—9,4754	,8737	,9675	152	+,013	—0,08
2063	3	+53 15 31,00	7,470	+0,0013	—9,4751	,8734	,9675	153	+,005	—0,07
2064	5	+ 4 32 5,76	7,460	+9,7041	—8,1686	,8727	,9676	147	+,004	—0,10
2065	2	+ 4 32 47,19	7,454	+9,7050	—8,4683	,8724	,9677	149	+,010	—0,17
2066	3	+60 48 17,64	7,443	+0,0094	—9,5108	—0,8718	+9,9678	158	—,024	0,00
2067	1	+ 1 34 20,10	7,416	+9,6618	—8,0050	,8702	,9680	151	—,017	—0,01
2268	3	+12 43 16,40	7,395	+9,7973	—8,9096	,8689	,9682	154	+,004	—0,07
2 69	3	—40 31 12,53	7,378	—9,4377	+9,3788	,8680	,9684	150	—,002	0,00
2070	3	+ 1 30 11,23	7,378	+9,6609	—7,9839	,8680	,9684	155	—,001	+0,06

No.	Star's Name and Mag.	No. Obs.	Right Ascension. Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
2071	122 Herculis 7	1	16 33 21,49	+2,956	—8,3917	—8,7941	+0,4707	—7,3476
2072	Scorpii 7	1	33 55,19	3,590	8,4224	8,8281	0,5551	+8,0110
2073	Herculis 7	3	34 2,07	1,628	8,5720	8,9773	0,2116	—8,4510
2074	V[1] ——— 5.6	3	34 16,04	1,624	8,5713	8,9781	0,2106	—8,4507
2075	X[1] ——— 6.7	2	34 55,74	2,427	8,4338	8,8444	0,3851	—8,0943
2076	Urs. Min. 7		35	—3,520	—9,1154	—9,5244	—0,5465	—9,1078
2077	51 Ophiuchi 7	3	35 13,96	+3,593	8,4161	8,8293	+0,5555	+8,0056
2078	Draconis 7		35	0,771	8,6996	9,1154	9,8870	—8,6435
2079	133 Herculis 7	2	36 58,13	2,928	8,3750	8,7976	0,4666	—7,4221
2080	Draconis 7.8		37	1,179	8,6290	9,0532	0,0715	—8,5501
2081	138 Herculis 6.7	3	37 46,60	+2,214	—8,4517	—8,8786	+0,3452	—8,2030
2082	70 Urs. Min. 7	3	37 51,25	—2,693	9,0432	9,4686	—0,4302	—9,0332
2083	141 Scorpii 7.8	3	38 12,51	+3,632	8,4059	8,8359	+0,5601	+8,0192
2084	140 Herculis 7	2	38 31,37	2,384	8,4212	8,8527	0,3773	—8,1020
2085	142 Scorpio 7	2	38 32,87	3,904	8,4437	8,8760	0,5915	+8,1882
2086	58 Ophiuchi 6	2	38 51,18	3,016	—8,3632	—8,7966	+0,4794	—6,9760
2087	Draconis 7.8	3	39 17,00	0,645	,6990	9,1340	9,8096	—8,6474
2088	w^1 Scorpii 6.7	3	40 4,49	4,158	,4778	8,9191	0,6189	+8,2943
2089	——— 7	2	40 45,99	4,183	,4784	8,9237	0,6215	+8,3002
2090	w^2 ——— 7	3	41 1,42	4,141	,4696	8,9164	0,6171	+8,2817
2091	63 Ophiuchi 7	3	41 26,87	3,435	—8,3666	—8,8158	+0,5359	+7,8139
2092	Draconis 7	3	42 14,15	1,228	,5936	9,0465	,0892	—8,5101
2093	ζ^1 Scorpii 6	3	42 22,46	4,206	,4730	8,9282	,6239	+8,2992
2094	151 ——— 6.7	3	42 28,24	4,185	,4692	8,9245	,6217	+8,2908
2095	150 ——— 7	3	42 29,66	4,184	,4688	8,9244	,6216	+8,2902
2096	150 Scorpii 7	3	42 36,03	4,186	—8,4686	—8,9247	—0,6218	+8,2903
2097	150 ——— *var.* 6.7		42	4,187	,4685	8,9250	,6219	+8,2905
2098	152 ——— 7	2	42 48,64	4,212	,4719	8,9293	,6245	+8,2991
2099	151 Herculis 6.7	2	42 50,43	2,333	,4055	8,8624	,3679	—8,1075
2100	ζ^2 Scorpii 5.6	3	42 59,49	4,205	,4691	8,9282	,6238	+8,2918
2101	Draconis 7		43	1,217	—8,5882	—9,0484	+0,0853	—8,5052
2102	Scorpii 7	2	44 5,20	3,807	,3982	8,8637	,5806	+8,1013
2103	155 ——— 7	2	44 18,26	4,100	,4442	8,9109	,6128	+8,2452
2104	115 Draconis 7	2	45 3,65	1,060	,6034	9,0735	,0253	—8,5308
2105	117 ——— 7	3	45 53,09	0,492	,6811	9,1561	9,6920	—8,6341
2106	77 Ophiuchi 7	2	46 16,72	3,210	—8,3250	—8,8039	+0,5065	+7,3711
2107	*q* Scorpii 6.7	3	46 26,67	3,892	,3976	8,8777	,5902	+8,1337
2108	S^2 Hrculis 7	3	47 40,45	2,754	,3275	8,8149	,4400	—7,7077
2109	177 ——— 6	3	48 16,53	2,448	,3575	8,8487	,3888	—7,9993
2110	Draconis 7.8	2	48 19,55	1,279	,5487	9,0395	,1069	—8,4599
2111	*m* Ophiuchi 7	3	49 17,12	2,924	—8,3076	—8,8058	+0,4660	—7,3593
2112	Herculis 7	2	49 35,18	1,712	,4686	8,9677	,2335	—8,3314
2113	90 Ophiuchi 7		49	3,429	,3176	8,8202	,5352	+7,7531
2114	186 Herculis 6.7	3	50 44,72	2,457	,3417	8,8487	,3904	—7,9772
2115	185 ——— 6.7	3	50 51,38	2,483	,3370	8,8454	,3950	—7,9570

No.	No. Obs	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						s.	″
2071	2	+ 5 11 44,87	— 7,378	+9,7126	—8,5219	—0,8680	+9,9684	156	+,001	—0,15
2072		—22 48	7,333	8,6021	+9,1517	,8651	,9688	157	+,009	
2073	3	+49 11 28,56	7,335	9,9951	—9,4424	,8654	,9688	161	—,005	—0,09
2074	2	+49 15 13,28	7,313	9,9947	—9,4416	,8641	,9660	163	—,002	—0,13
2075	3	+27 14 25,12	7,259	9,9101	—9,2194	,8609	,9695	164	+,024	—0,02
2076	3	+79 18 37,06	7,281	+9,9978	—9,5526	—0,8622	+9,9693	182		+0,21
2077	6	—22 52 5,83	7,221	8,5798	+9,1461	,8586	,9698	162	+,005	—0,01
2078	3	+61 29 52,56	7,183	0,0116	—9,4982	,8563	,9702	171		+0,03
2079	3	+ 6 24 42,58	7,085	9,7283	—8,5955	,8503	,9710	169	—,001	—0,14
2080	3	+56 29 11,66	7,063	0,0082	—9,4681	,8490	,9712	178		0,05
2081	4	+34 20 48,16	7,025	+9,9474	—9,2959	—0,8466	+9,9715	177	+,003	—0,03
2082	3	+77 46 11,71	7,047	0,0030	—9,5360	,8480	,9714	195	+,014	+0,27
2083	3	—24 13 24,56	6,981	8,0414	+9,1552	,8439	,9719	174	—,001	—0,05
2084	3	+28 39 51,14	6,959	9,9196	—9,2213	,8426	,9721	181	+,001	0,00
2085	3	—33 42 51,81	6,948	—9,2041	+9,2843	,8419	,9722	176	+,007	—0,05
2086	4	+ 2 22 7,58	6,932	+9,6730	—8,1517	—0,8409	+9,9723	180	+,021	—0,03
2087	2	+62 37 27,33	6,919	+0,0145	—9,4860	,8395	,9725	194	+,016	+0,24
2088	3	—40 56 14,17	6,822	—9,4594	+9,3485	,8339	,9733	186	—,003	+0,02
2089	5	—41 33 51,46	6,767	—9,4768	+9,3503	,8304	,9737	188	+,005	—0,12
2090	3	—40 25 59,07	6,746	—9,4487	+9,3391	,8290	,9739	190	+,014	—0,10
2091	2	—16 15 13,68	6,713	+9,1838	+8,9722	—0,8269	+9,9742	196	—,001	+0,08
2092	1	+55 36 53,30	6,663	+0,0099	—9,4382	,8237	,9746	213	+,011	—0,15
2093	6	—42 4 43,51	6,630	—9,4914	+9,3458	,8215	,9748	198	—,008	—0,16
2094	3	—41 31 21,86	6,630	—9,4786	+9,3411	,8215	,9748	200	—,004	—0,14
2095		—41 30	6,625	—9,4786	+9,3406	,8212	,9749	201	—,003	
2096		—41 32	6,619	—9,4786	+9,3405	—0,8208	+9,9749	202	—,008	
2097	3	—41 33 51,77	6,614	—9,4786	+9,3404	,8204	,9750	203		+0,13
2098	3	—42 11 46,66	6,602	—9,4955	+9,3449	,8197	,9751	205	—,007	—0,09
2099	2	+30 15 4,93	6,608	+9,9294	—9,2201	,8201	,9750	212	+,001	—0,04
2100	1	—42 0 4,00	6,579	—9,4909	+9,3418	,8182	,9752	206	—,015	—0,41
2101	2	+55 42 16,88	6,564	+0,0107	—9,4322	—0,8172	+9,9754	219		—0,03
2102	3	—30 18 31,44	6,492	—9,0128	+9,2135	,8121	,9759	215	+,009	—0,05
2103	3	—39 13 36,17	6,476	—9,4199	+9,3104	,8113	,9761	216	—,009	+0,02
2104	3	+57 46 42,02	6,431	+0,0137	—9,4337	,8083	,9764	231	+,009	—0,14
2105	3	+63 49 3,65	6,365	+0,0183	—9,4548	,8038	,9769	239	—,018	—0,01
2106	4	— 6 22 35,81	6,316	+9,5132	+8,5445	—0,8004	+9,9773	230	—,006	—0,11
2107	3	—32 59 18,06	6,299	—9,1847	+9,2334	,7993	,9774	228	+,001	+0,06
2108	3	+13 53 32,19	6,205	+9,8129	—8,8709	,7927	,9781	240	+,017	—0,13
2109	3	+26 0 6,68	6,155	+9,9069	—9,1291	,7892	,9785	243	—,009	—0,04
2110	4	+54 36 15,70	6,160	+0,0116	—9,3989	,7896	,9785	247	+,007	—0,24
2111	3	+ 6 28 34,25	6,066	+9,7308	—8,5326	—0,7829	+9,9791	246	+,006	+0,02
2112	3	+46 48 34,39	6,055	+9,9965	—9,3428	,7821	,9792	253	+,017	—0,04
2113		—15 48	6,010	+9,1987	+8,9124	,7789	,9795	250		
2114	2	+25 36 43,94	5,955	+9,9047	—9,1085	,7749	,9799	257	+,007	—0,12
2115	3	+24 38 30,20	5,938	+9,8987	—9,0916	,7737	,9799	258	+,005	—0,10

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Anuual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
2116	Serpentis 6.7	2	16 51 7,28	+3,157	—8,2950	—8,8052	+0,4993	+7,1350
2117	Ophiuchi 7	2	51 52,70	3,370	,3008	,8164	,5276	+7,6626
2118	Draconis 7	1	51 53,30	1,529	,4845	,9992	,1844	—8,3706
2119	Herculis 7		52	2,818	,2938	,8130	,4499	—7,5770
2120	101 Ophiuchi 7 8	3	52 43,34	3,213	,2864	,8079	,5069	+7,3103
2121	104 Ophiuchi 6 7	2	54 3,71	2,872	—8,2805	—8,8108	+0,4582	—7,4594
2122	196 Herculis 6 7	2	54 31,99	2,403	,3213	8,8579	0,3807	—7,9878
2123	103 Ophiuchi 7		54	3,677	,3159	8,8503	0,5655	+7,9485
2124	120 Draconis 6.7	1	54 42,10	0,592	,6098	9,1434	9,7723	—8,5582
2125	122 ——— 7	1	55 36,56	0,279	,6451	9,1853	9,4456	—8,6034
2126	Ophiuchi 7	2	55 52,26	3,704	—8,3110	—8,8545	+0,5687	+7,9582
2127	117 ——— 6	1	56 4,31	2,752	,2753	8,8197	0,4396	—7,6558
2128	R Draconis 6 7	3	56 19,95	1,096	,5245	9,0699	0,0398	—8,4477
2129	118 Ophiuchi 7	2	56 40,19	3,703	,3055	8,8547	0,5685	+7,9520
2130	Draconis 7.8	2	57 11,23	0,952	,5402	9,0918	9,9786	—8,1719
2131	206 Herculis 6 7	2	57 30,77	2,604	—8,2791	—8,8342	+0,4156	—7,8094
2132	*c* ——— 6.7	2	57 35,14	2,145	,3427	8,8977	0,3314	—8,1080
2133	Draconis 7.8	1	58 18,20	1,240	,4877	9,0476	0,0934	—8,4002
2134	*i* Ophiuchi 7	2	58 25,43	2,825	,2538	8,8157	0,4510	—7,5212
2135	*l* Scorpii 6	3	58 45,67	4,328	,3891	8,9540	0,6363	+8,2336
2136	Draconis 7	1	58 54,98	0,940	—8,5296	—9,0940	+9,9731	—8,4617
2137	Ophiuchi 7.8	3	59 13,73	3,337	,2199	8,8179	0,5234	+7,5606
2138	213 Herculis 6.7	3	17 0 3,58	1,820	,3788	8,9523	0,2001	—8,2208
2139	——— 6		0	1,581	,4165	8,9925	0,1989	—8,2915
2140	132 Ophiuchi 7	3	0 32,65	3,518	,2561	8,8342	0,5463	+7,7755
2141	135 Ophiuchi 7	3	1 17.20	3,549	—8,2511	—8,8378	+0,5501	+7,7971
2142	Herculis 8	2	1 22,34	2,400	,2768	8,8610	0,3802	—7,9385
2143	216 ——— 7	2	1 44,46	2,173	,2647	8,8515	0,3932	—7,8857
2144	141 Ophiuchi 7	3	3 14,29	2,957	,2137	8,8121	0,4708	—7,1452
2145	Herculis 7	2	3 16,97	2,417	,2605	8,8594	0,3833	—7,9125
2146	Draconis 6	2	4 14,48	1,463	—8,4061	—9,0126	+0,1652	—8,2969
2147	227 Herculis 7.8	2	4 28,13	2,724	,2169	8,8256	0,1352	—7,6214
2148	180 Scorpii 7	3	4 29,85	3,922	,2796	8,8893	0,5935	+8,0198
2149	Draconis 7	1	4 50,39	0,952	,4852	9,0928	9,9786	—8,4159
2150	——— 7		4	1,146	,4515	9,0632	0,0592	—8,3732
2151	V² Ophiuchi 7	2	5 2,08	2,887	—8,2020	—8,8156	+0,4604	—7,3429
2152	——— 7.8	1	5 4,23	3,560	,2265	8,8406	0,5514	+7,7762
2153	30 ——— 7	2	6 6,74	3,710	,2363	8,8593	0,5694	+7,8825
2154	129 Draconis 7	6	6	0.688	,5095	9,1313	9,8376	—8,4528
2155	Herculis 7.8	3	6 17,31	2,725	,2035	8,8265	0,4354	—7,6099
2156	Draconis 7	3	8 9,96	1.074	—8,4359	—9,0748	+0,0310	—8,3588
2157	244 Herculis 7	2	9 40,35	2,159	,2470	8,8994	0,5312	—8,0043
2158	163 Ophiuchi 7	2	9 50,54	2,993	,1594	8,8142	0,4761	—6,9217
2159	*k* ——— 6 7	3	10 49.13	2,925	,1526	8,8165	0,4661	—7,1895
2160	Draconis 7.8	2	11 2,45	1,109	,4055	9,0700	0,0449	—8,3256

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P.M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s.*	″
2116	3	— 3 58 5,96	— 5,916	+9.5647	+8,3100	—0,7720	+9,9802	256	+,006	—0,18
2117	3	—13 18 1,44	5,849	+9,3053	+8,8269	,7661	,9807	260	—,018	—0,34
2118	3	+50 18 0,44	5,860	+0,0056	—9,3521	,7679	,9806	267	+,015	—0,08
2119	3	+11 4 47,45	5,804	+9,7846	—8,7450	,7638	,9810	265		—0,13
2120	3	— 6 29 14,65	5,776	+9,5092	+8,5135	,7617	,9812	266	+,006	—0,12
2121	4	+ 8 41 44,45	5,670	+9,7589	—8,6305	—0,7536	+9,9819	270	+,009	—0,11
2122	3	+27 26 44,86	5,631	+9,9175	—9,1120	,7506	,9821	276	—,008	—0,06
2123	3	—25 24 10,86	5,620	—8,3010	+9,0804	,7497	,9822	271		—0,22
2124	3	+62 37 29,29	5,631	—0,0220	—9,3970	,7506	,9822	282	+,015	+0,02
2125	3	+65 17 25,66	5,553	+0,0228	—9,4008	,7445	,9827	290	—,006	—0,10
2126	2	—26 20 47,94	5,513	—8,5798	—9,0867	—0,7414	+9,9829	278	—,004	—0,07
2127	3	+13 50 42,50	5,502	+9,8136	—8,8171	,7405	,9830	283	—,001	—0,21
2128	3	+56 56 2,71	5,491	+0,0183	—9,3609	,7397	,9831	291	+,009	+0,42
2129	3	—26 16 53,53	5,446	—8,5682	+9,0806	,7361	,9833	284	—,002	—0,12
2130	3	+58 42 21,31	5,418	+0,0204	—9,3636	,7338	,9835	296	+,016	+0,05
2131	3	+19 49 56,20	5,379	+9,8663	—8,9589	—0,7307	+9,9838	292	+,015	—0,10
2132	3	+35 39 3,94	5,379	+9,9605	—9,1941	,7307	,9838	295	+,017	—0,13
2133	2	+54 49 56,01	5,323	+0,0162	—9,3366	,7261	,9841	301	+,025	—0,21
2134	3	+10 40 58,32	5,300	+9,7817	—8,6897	,7213	,9843	298	,000	—0,01
2135	3	—44 20 8,14	5,266	—9,5611	+9,2640	,7215	,9845	294	—,014	—0,24
2136	3	+58 47 40,38	5,272	+0,0212	—9,3522	—0,7220	+9,9844	304	—,015	—0,06
2137	3	—11 48 37,30	5,233	+9 3579	+8,7274	,7187	,9847	299	+,002	+0,06
2138	3	+44 2 23,83	5,171	+9,9925	—9,2536	,7136	,9850	307	+,010	—0,06
2139	1	+49 2 4,06	5,143	+0,0065	—9,2872	,7112	,9852	310		—0,34
2140	3	—19 13 9,93	5,120	+8,9638	+8,9247	,7093	,9854	305	—,001	—0,07
2141	2	—20 26 5,20	5,058	+8,8388	+8,9150	—0,7040	+9,9857	309	+,004	—0,20
2142		+27 19	5,052	+9,9191	—9,0632	,7035	,9857	313	+,007	
2143	1	+24 42 20,71	5,024	+9,9020	—9,0201	,7011	,9859	2	+,003	—0,10
2144	3	+ 4 53 55,95	4,900	+9,7118	—8,3197	,6902	,9866	5	+,009	—0,14
2145	3	+26 40 3,44	4,894	+9,9154	—9,0398	,6897	,9867	7	—,001	+0,02
2146	2	+57 3 17,80	4,815	+0,0119	—9,2714	—0,6826	+9,9871	19	+,008	—0,26
2147	2	+14 41 34,41	4,792	+9,8235	—8,7830	,6805	,9872	13	—,008	—0,14
2148	3	—33 20 53,50	4,781	—9,2355	+9,1177	,6795	,9873	9	+,001	0,00
2149	3	+58 29 10,32	4,804	+0,0232	—9,3103	,6816	,9871	20	+,019	—0,10
2150	2	+55 58 46,81	4,792	+0,0204	—9,2970	,6805	,9872	22		—0,04
2151	3	+ 7 57 1,59	4,741	+9,7513	—8,5148	—0,6759	+9,9875	18	+,011	—0,30
2152	3	—20 46 12,86	4,736	+8,7853	+8,9231	,6754	,9875	14	+,004	—0,12
2153	1	—26 16 33,92	4,645	—8,6893	+9,0112	,6670	,9880	21	+,095	—1,30
2154	1	+61 22 2,51	4,656	+0,0261	—9,3094	,6680	,9879	30		+0,13
2155	1	+14 46 25,85	4,645	+9,8245	—8,7714	,6670	,9880	24	+,003	—0,15
2156	3	+56 51 47,71	4,486	+0,0220	—9,2728	—0,6519	+9,9888	38	+,016	—0,03
2157	3	+34 53 43,26	4,355	+9,9609	—9,0944	,6390	,9895	44	—,014	—0,20
2158	4	+ 3 19 41,84	4,332	+9,6893	—8,0971	,6367	,9896	40	+,014	—0,03
2159	4	+ 6 15 56,54	4,247	+9,7299	—8,3630	,6281	,9900	49	+,009	—0,06
2160	3	+56 19 20,49	4,241	+0,0228	—9,2457	,6275	,9900	58	—,002	+0,02

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
2161	131 Draconis 5 6	2	17 11 7,60	+0,497	—8,4934	—9,1579	+9,6964	—8,4435
2162	188 Scorpii 6.7	2	11 34,96	3,670	,1848	8,8560	0,5647	+7,8063
2163	*x* ——— 6	3	12 16,29	4,331	,2795	8,9576	,6366	+8,1212
2164	252 Herculis 6.7	2	12 19,98	2,344	,1958	8,8727	,3700	—7,8814
2165	254 ——— 7.8	2	12 36,31	2,537	,1678	8,8478	,4043	—7,7435
2166	Ophiuchi 7.8	1	12 59,60	3,481	—8,1504	—8,8355	+0,5447	+7,6293
2167	256 Herculis 6	2	13 2,85	2,637	,1527	8,8372	,4211	—7,6481
2168	Draconis 7.8	1	14 13,69	1,181	,3650	9,0591	,0722	—8,2796
2169	*w* Herculis 6	3	14 29,30	2,227	,1922	8,8903	,3477	—7,9248
2170	Ophiuchi 7	3	14 39,86	2,829	,1225	8,8225	,4516	—7,3770
2171	48 Aræ 6	3	14 41,88	4,410	—8,2693	—8,9713	+0,6444	+8,1239
2172	270 Herculis 6.7	2	15 41,51	1,692	,2678	8,9772	,2284	—8,1277
2173	——— 7	3	16 33,60	1,695	,2586	8,9767	,2292	—8,1177
2174	Ophiuchi 7	3	16 50,19	3,580	,1248	8,8470	,5539	+7,6853
2175	——— 7.8	3	17 7,60	2,696	,1080	8,8331	,4507	—7,5430
2176	200 Ophiuchi 7	2	17 8,08	2,680	—8,1091	—8,8345	+0,4281	—7,5615
2177	——— 7.8	2	17 15,79	2,989	,0901	8,8172	,4755	—6,8095
2178	——— 6.7	2	17 19,34	3,419	,1036	8,8314	,5339	+7,5162
2179	206 ——— 7.8	3	18 28,32	3,691	,1210	8,8609	,5671	+7,7529
2180	——— 7	3	20 11,24	3,297	,0650	8,8239	,5181	+7,2981
2181	Draconis 6 7	3	20 31,47	1,028	—8,3229	—9,0833	+0,0120	—8,2473
2182	c^1 Ophiuchi 7	3	20 46,87	3,646	,0902	8,8559	,5618	+7,6944
2183	*x* Herculis 5.6	3	22 21,98	1,583	,2141	8,9959	,1995	—8,0879
2184	σ Aræ 5.6	3	23 23,07	4,452	,1827	8,9797	,6486	+8,0424
2185	226 Ophiuchi 7	3	23 23,37	3,480	,0425	8,8387	,5416	+7,5174
2186	Draconis 6.7	3	23 36,35	0,891	—8,3076	—9,1039	+9,9499	—8,2397
2187	Ophiuchi 7 8	3	23 39,20	3,602	,0528	8,8515	0,5565	+7,6273
2188	——— 7.8	2	23 46,78	3,000	,0188	8,8191	,4771	—6,7303
2189	Draconis 6.7	3	25 0,18	1,437	,2064	9,0200	,1575	—8,0969
2190	Ophiuchi 7	3	25 13,73	2,886	,0044	8,8230	,4603	—7,1389
2191	Scorpii 7.8	3	26 18,50	4,291	—8,1193	—8,9535	+0,6326	+7,9512
2192	Ophiuchi 7.8	3	26 23,05	2,772	7,9974	8,8299	,4428	—7,3373
2193	245 ——— 6.7	2	27 26,43	2,757	7,9845	8,8313	,4404	—7,3447
2194	300 Herculis 7	3	28 50,63	2,146	8,0396	8,9058	,3316	—7,7966
2195	——— 7	3	28	1,521	8,1389	9,0070	,1821	—8,0196
2196	Telescopii 7	3	28 52,20	3,902	—8,0236	—8,8926	+0,5913	+7,7504
2197	——— 7	3	30	3,900	8,0040	8,8924	,5911	+7,7296
2198	306 Herculis 6	2	30 19,89	2,276	7,9983	8,8867	,3572	—7,7086
2199	Telescopii 7	2	30 53,28	3,897	7,9936	8,8921	,5907	+7,7180
2200	258 Ophiuchi 7	3	31 6,03	2,983	7,9208	8,8214	,4746	—6,7247
2201	Ophiuchi 7	2	31 16,76	2,988	—7,9177	—8,8213	+0,4754	—6,7014
2202	255 ——— 7	2	31 28,67	3,081	7,9139	8,8206	,4887	+5,8961
2203	7 Sagittarii 6.7	2	31 39,36	4,062	8,0067	8,9175	,6087	+7,7848
2204	Herculis 7	4	32 12,96	1,565	8,0850	9,0000	,1945	—7,9599
2205	*y* ——— 5.6	2	32 18,76	1,560	8,0839	9,0011	,1931	—7,9596

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						s.	″
2161	2	+63 3 49,36	— 4,241	+0,0286	—9,2757	—0,6275	+9,9900	61	+,007	0,00
2162	3	—21 43 57,60	4,179	—8,1761	+8,9407	,6210	,9903	51	—,112	—0,16
2163	2	—43 59 40,58	4,116	—9,5658	+9,1513	,6145	,9906	54	+,008	—0,19
2164	3	+29 0 0,87	4,127	+9,9315	—8,9993	,6157	,9906	64	,000	—0,06
2165	2	+22 7 8,12	4,099	+9,8870	—8,8864	,6126	,9907	65	+,002	+0,07
2166	3	—17 32 3,78	4,053	+9,0755	+8,7848	—0,6078	+9,9909	63	+,007	—0,03
2167	2	+18 13 57,50	4,059	+9,8561	—8,8018	,6084	,9909	68	+,014	—0,01
2168	2	+55 13 57,49	3,973	+0,0220	—9,2118	,5991	,9913	81	—,003	—0,18
2169	3	+32 41 6,55	3,939	+9,9518	—9,0260	,5954	,9914	80	+,016	—0,05
2170	3	+10 21 35,65	3,922	+9,7803	—8,5459	,5935	,9915	78	+,004	—0,18
2171	3	—45 41 9,80	3,905	—9,6009	+9,1442	—0,5916	+9,9916	73	+,009	—0,21
2172	3	+46 24 23,91	3,842	+0,0043	—9,1424	,5845	,9919	87	—,002	+0,07
2173	3	+46 18 52,77	3,767	+0,0043	—9,1392	,5760	,9922	96	—,014	+0,05
2174	1	—21 18 54,61	3,733	+8,6721	+8,8306	,5720	,9923	88	+,006	0,00
2175	3	+15 45 43,37	3,710	+9,8358	—8,7024	,5694	,9924	94	,000	—0,05
2176	2	+16 27 35,29	3,710	+9,8414	—8,7194	—0,5694	+9,9924	95	+,005	+0,02
2177	2	+ 3 27 54,83	3,693	+9,6920	—8,0448	,5673	,9925	93	+,016	0,00
2178	2	—14 58 42,60	3,687	+9,2175	+8,6772	,5667	,9925	91	—,001	—0,18
2179	3	—25 21 53,06	3,590	—8,4624	+8,8849	,5550	,9929	100	+,013	—0,16
2180	3	— 9 51 6,31	3,440	+9,4150	+8,4678	,5366	,9935	110	+,001	—0,28
2181	3	+57 9 49,37	3,429	+0,0265	—9,1576	—0,5351	+9,9935	120	+,004	+0,06
2182	4	—23 42 11,32	3,389	+7,0000	+8,8322	,5300	,9937	113	—,001	+0,07
2183	4	+48 24 8,61	3,268	+0,0107	—9,0861	,5113	,9941	130	+,012	+0,01
2184	4	—46 22 54,07	3,159	— 9,6191	+9,0572	,4905	,9945	125	—,010	—0,15
2185	3	—17 22 8,43	3,164	+9,0755	+8,6732	,5003	,9945	128	+,005	+0,02
2186	3	+58 47 28,88	3,164	+0,0286	—9,1304	—0,5003	+9,9946	139	+,005	0,00
2187	3	—22 2 44,46	3,147	+8,4914	+8,7704	,4979	,9946	131	+,006	—0,17
2188	3	+ 2 57 8,31	3,136	+9,6848	—7,9059	,4964	,9946	135	+,005	—0,03
2189	2	+51 0 7,44	3,043	+0,0174	—9,0719	,4833	,9949	147	—,017	+0,08
2190	3	+ 7 50 29,61	3,009	+9,7520	—8,3109	,4784	,9950	144	+,024	+0,14
2191	3	—42 46 2,10	2,905	—9,5478	+8,9930	—0,4631	+9,9954	145	—,006	—0,19
2192	3	+12 38 2,42	2,916	+9,8062	—8,5027	,4648	,9953	148	—,001	—0,06
2193	1	+13 15 7,63	2,824	+9,8116	—8,5091	,4509	,9957	154	+,008	—0,14
2194	3	+34 51 42,49	2,703	+9,9643	—8,8868	,4318	,9960	164	+,016	—0,16
2195	2	+49 27 38,50	2,691	+0,0149	—9,0087	,4300	,9960	166		—0,09
2196	3	—32 13 1,72	2,686	—9,2068	+8,8539	—0,4291	+9,9961	159	—,003	—0,10
2197	2	—32 7 1,20	2,570	—9,2014	+8,8336	,4099	,9964	167		—0,13
2198	3	+30 53 30,45	2,570	+9,9450	—8,8183	,4099	,9964	176	+,005	—0,00
2199	1	—32 1 0,23	2,513	—9,1986	+8,8225	,4001	,9966	172	—,015	—0,16
2200	3	+ 3 39 31,36	2,501	+9,6955	—7,8999	,3980	,9966	180	+,004	—0,21
2201	3	+ 3 29 35,64	2,483	+9,6937	—7,8766	—0,3950	+9,9966	181	—,014	—0,06
2202	1	— 0 32 29,44	2,466	+9,6284	+7,0722	,3920	,9967	182	+,007	—0,06
2203	2	—36 51 6,00	2,443	—9,3944	+8,8640	,3879	,9967	179	—,002	—0,04
2204	2	+48 33 58,36	2,420	+0,0133	—8,9567	,3837	,9968	189	+,014	—0,33
2205	1	+48 41 5,66	2,408	+0,0141	—8,9554	,3816	,9968	190	+0,13	—0,27

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
2206	141 Draconis 6.7	1	17 33 17,32	+0,570	—8,2184	—9,1496	+9,7559	—8,1644
2207	260 Ophiuchi 6	2	33 29,53	2,919	7,8860	8,8238	0,4652	—6,9331
2208	316 Herculis 6	4	33 43,67	2,261	7,9472	8,8894	0,3543	—7,6628
2209	142 Draconis 7.8	2	33 45,46	0,511	8,2176	9,1576	9,7084	—8,1658
2210	262 Ophiuchi 7.8	1	33 45,65	2,965	7,8802	8,8224	0,4720	—6,7700
2211	Herculis 6 7	5	34 18,98	2,460	—7,9101	—8,8625	+0,3909	—7,5295
2212	——— 6.7	2	34 27,79	2,258	7,9352	8,8899	0,3537	—7,6519
2213	323 ——— *var.* 6		34	2,458	7,9000	8,8629	0,3906	—7,5205
2214	Draconis 7		35	—0,256	8,2890	9,2519	—9,4082	—8,2568
2215	Sagittarii 7.8	2	35 42,61	+3,742	7,8929	8,8712	+0,5731	+7,5484
2216	272 Ophiuchi 6.7	2	36 17,28	3,007	—7,8339	—8,8221	+0,4781	—6,4988
2217	144 Draconis		37	—1,667	8,3903	9,3899	—0,2219	—8,3738
2218	——— 8	3	37 20,88	—0,322	8,2559	9,2593	—9,5079	—8,2249
2219	Ophiuchi 7.8	3	37 48,29	+3,501	7,8260	8,8438	+0,5442	+7,3168
2220	——— 7	2	37 51,20	2,929	7,8065	8,8243	+0,4667	—6,8246
2221	Ophiuchi 7	4	37 51,75	2,934	—7,8064	—8,8241	+0,4675	—6,8085
2222	———		38	2,932	,7917	8,8243	,4672	—6,7987
2223	ι^2 Scorpii 6.7	2	38 39,16	4,186	,9027	8,9580	,6218	+7,7119
2224	Ophiuchi 7.8	1	39 45,50	3,108	,7644	8,8224	,4925	+6,2493
2225	Sagittarii 6.7	1	40 2,13	3,746	,8070	8,8724	,5736	+7,4641
2226	Ophiuchi 7.8	3	40 38,40	2,934	—7,7472	—8,8246	+0,4675	—6,7493
2227	Draconis 7.8	1	40 51,28	1,475	,9348	9,0152	,1688	—7,8197
2228	Sagittarii 8	1	41 7,52	3,650	,7683	8,8580	,5599	+7,3578
2229	Telescopii 7.8	3	41 13,90	3,992	,8149	8,9078	,6012	+7,5708
2230	Sagittarii 7.8	3	41 35,94	3,651	,7598	8,8606	,5624	+7,3628
2231	339 Herculis 6	2	41 38,16	2,602	—7,7485	—8,8476	+0,4153	—7,2676
2232	Telescopii 7.8		41	3,969	,7971	8,9043	,5987	+7,5454
2233	Ophiuchi 7		42	3,539	,7360	8,8482	,5489	+7,2588
2234	Telescopii 6.7		42	3,996	,7864	8,9086	,6016	+7,5433
2235	290 Ophiuchi 7	2	42 36,46	3,529	,7217	8,8472	,5476	+7,2358
2236	η Telescopii 6	1	42 54,91	3,991	—7,7721	—8,9079	+0,6011	+7,5276
2237	Tau. Pon. 7.8	3	42 57,81	2,915	,6905	8,8246	,4691	—6,6533
2238	k^2 Serpentis 7	2	43 53,73	3,321	,6717	8,8307	,5217	+6,9464
2239	297 Ophiuchi 7	2	44 13,90	3,037	,6548	8,8230	,5724	—6,0269
2240	ψ Draconis 5.6	1	44 52,91	—1,093	8,1697	9,3384	—,0386	—8,1395
2241	k^2 Serpentis 7	2	44 56,45	+3,334	—7,6422	—9,8315	+0,5230	+6,9343
2242	146 Draconis 6	2	45 7,81	1,432	,8331	9,0224	,1559	—7,7225
2243	352 Herculis 7	2	45 10,90	2,662	,6471	8,8423	,4252	—7,1118
2244	3 Tau. Pon. 6.7	2	45 11,88	2,925	,6303	8,8255	,4661	—6,6590
2245	Telescopii 6.7	3	45 24,63	4,267	,7443	8,9517	,6301	+7,5694
2246	356 Herculis		45	1,563	—7,7939	—9,0012	+0,1940	—7,6679
2247	354 ——— 6.7	1	45 52,14	1,944	,7261	8,9396	0,2887	—7,5352
2248	302 Ophiuchi 6.7	2	46 12,98	3,521	,6186	8,8467	0,5467	+7,1261
2249	ν Telescopii 7	1	46 13,92	4,266	,7190	8,9515	0,6300	+7,5437
2250	Sagittarii 7.8	3	46 25,75	3,605	,6188	8,8558	0,5569	+7,1908

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						*s.*	″
2206	2	+62 0 13,15	— 2,333	+0,0338	—9,0119	—0,3678	+9,9970	201	+,037	—0,33
2207	1	+ 6 24 14,85	2,298	+9,7332	—8,1065	,3613	,9971	193	—,002	+0,02
2208	3	+31 17 43,12	2,275	+9,9479	—8,7706	,3569	,9972	196	+,004	—0,02
2209		+62 33	2,286	+0,0338	—9,0054	,3591	,9972	206	+,005	
2210	1	+ 4 27 17,14	2,275	+9,7067	—7,9148	,3569	,9972	194	+,011	—0,22
2211	3	+24 36 1,07	2,223	+9,9074	—8,6643	—0,3469	+9,9973	200	+,006	+0,03
2212	3	+31 22 53,35	2,211	+9,9484	—8,7593	,3446	,9973	204	—,020	—0,01
2213	3	+24 39 58,80	2,170	+9,9074	—8,6551	,3365	,9974	207		—0,02
2214		+68 13	2,170	+0,0350	—9,0024	,3365	,9974	220		
2215	3	—26 53 43,92	2,095	—8,7993	+8,6748	,3212	,9976	208	—,008	—0,09
2216	1	+ 2 39 25,27	2,049	+9,6812	—7,6745	—0,3115	+9,9977	215	+,012	—0,06
2217		+74 19	1,996	+0,0314	—8,9818	,3003	,9978	242		
2218	1	+68 34 52,73	1,979	+0,0350	—8,9634	,2965	,9979	237	+,010	—0,14
2219	3	—18 2 12,12	1,915	+9,0212	+8,4710	,2822	,9980	221	+,006	0,00
2220	1	+ 5 58 50,06	1,915	+9,7292	—7,9983	,2822	,9980	225	—,005	—0,06
2221		+ 5 45	1,915	+9,7259	—7,9823	—0,2822	+9,9980	226	—,007	
2222		+ 5 50	1,851	+9,7267	—7,9726	,2675	,9981	233		
2223	2	—40 1 42,05	1,840	—9,4885	+8,7712	,2648	,9982	228	—,002	—0,12
2224	2	— 1 44 39,11	1,747	+9,6064	+7,4251	,2423	,9983	240	+,008	—0,06
2225	3	—26 59 59,92	1,718	—8,8129	+8,5901	,2350	,9984	238	+,004	+0,02
2226		+ 5 45	1,671	+9,7267	—7,9232	—0,2231	+9,9985	246	—,002	
2227	3	+50 6 42,19	1,660	+0,0179	—8,8030	,2200	,9985	252	+,014	—0,17
2228		—22 51	1,625	+8,1139	+8,4983	,2108	,9986	247	+,015	
2229	3	—34 44 45,58	1,613	—9,3263	+8,6616	,2077	,9986	245	—,002	—0,08
2230		—23 37	1,581	—7,3010	+8,5009	,1998	,9986	249	+,019	
2231		+19 18	1,590	+9,8681	—8,4186	—0,2014	+9,9986	255	+,017	
2232	2	—34 3 47,36	1,561	—9,2988	+8,6397	,1934	,9987	250		+0,03
2233	3	—19 28 11,99	1,543	+8,8865	+8,4093	,1885	,9987	253		—0,17
2234	3	—34 50 50,68	1,509	—9,3304	+8,6336	,1786	,9988	254		—0,28
2235		—19 4	1,497	+8,9243	+8,3873	,1752	,9988	257	+,009	
2236	1	—34 42 25,59	1,462	—9,3243	+8,6185	—0,1650	+9,9988	258	—,001	—0,21
2237		+ 5 16	1,468	+9,7185	—7,8275	,1667	,9988	261	—,003	
2238	1	—10 51 9,20	1,387	+9,3766	+8,1146	,1419	,9989	265	+,010	—0,17
2239		+ 1 21	1,357	+9,6590	—7,2029	,1327	,9990	266	—,002	
2240	1	+72 13 40,53	1,328	+0,0342	—8,8001	,1233	,9990	286	+,009	—0,25
2241	3	—11 17 43,38	1,293	+9,3617	+8,1019	—0,1117	+9,9991	270	+,001	—0,06
2242	1	+50 49 24,14	1,293	+0,0199	—8,6991	,1117	,9991	278	—,017	—0,16
2243	3	+16 56 49,43	1,276	+9,8488	—8,2686	,1058	,9991	273	—,028	—0,01
2244	3	+ 6 8 29,70	1,276	+9,7308	—7,8326	,1058	,9991	271	—,010	+0,02
2245	4	—41 56 35,47	1,241	—9,5378	+8,6169	,0938	,9992	269	—,019	—0,04
2246		+48 26	1,241	+0,0149	—8,6658	—0,0938	+9,9992	282		
2247	3	+40 7 0,15	1,224	+9,9890	—8,5948	,0876	,9992	280	—,005	—0,15
2248		—18 46	1,183	+8,9542	+8,2784	,0729	,9992	277	+,006	
2249	1	—41 54 42,51	1,171	—9,5366	+8,5915	,0686	,9992	275	—,021	+0,06
2250		—21 55	1,160	+8,4624	+8,3343	,0643	,9993	279	+,008	

No.	Star's Name and Mag.		No. Obs.	Right Ascension. Jan. 1, 1835.	Annual Precession.	Logarithms of			
						a	*b*	*c*	*d*
				h. m. s.	s.				
2251		Herculis		17 46 ,	+1,948	—7,6999	—8,9390	+0,2896	—7,5081
2252	357	———	7.8	1 46 51,15	2,451	,6195	,8653	,3893	—7,2425
2253		Sagittarii	7	3 47 2,76	3,659	,6051	,8622	,5634	+7,2127
2254	7	Tau. Pon.	5.6	2 47 54,32	3,052	,5379	,8234	,4846	—5,6249
2255	*f*	Herculis	6	3 47 55,21	1,947	,6562	,9393	,2895	—7,4646
2256	365	Herculis	7	3 49 22,97	2,618	—7,5040	—8,8468	+0,4180	—7,0085
2257	172	Serpentis	6.7	3 50 51,23	3,180	,4162	,8251	,5024	+6,3388
2258		Sagittarii	8	3 51 42,75	3,611	,3999	,8568	,5576	+6,9757
2259	379	Herculis	7	4 51 56,37	1,733	,5136	,9742	,2388	—7,3631
2260		Sagittarii	8	3 52 8,87	3,530	,3652	,8482	,5478	+6,8797
2261	19	Sagittarii		52	3,632	—7,3566	—8,8593	+0,5601	+6,9467
2262		———	6.7	3 53 2,40	3,627	,3226	,8588	,5595	+6,9094
2263		———	8.9	1 53 50,35	3,672	,2724	,8641	,5649	+6,8871
2264		———		53	3,630	,2625	,8592	,5599	+6,8514
2265	387	Herculis	6.7	3 54 33,94	2,193	,2627	,9013	,3410	—7,0013
2266	B	Telescopii	5.6	3 54 54,34	4,333	—7,2839	—8,9628	+0,6368	+7,1212
2267	391	Herculis	6.7	3 55 13,55	1,709	,2870	8,9782	+ ,2327	—7,1403
2268		Draconis		55	—2,742	,7433	9,4734	— ,4381	—7,7322
2269		Ursæ. Min.	8	2 56 17,05	—1,782	,6269	9,3997	— ,2509	—7,6110
2270	24	Telescopii	6.7	2 56 17,10	+4,441	,1517	8,9804	+ ,6475	+7,0071
2271	316	Ophiuchi	6	2 57 8,70	3,264	—6,8833	—8,8285	+0,5137	+6,0445
2272	27	Telescopii	8	2 57 41,24	4,402	6,9002	8,9740	+ ,6436	+6,7493
2273	ψ^2	Draconis	6	1 58 2,04	—1,048	7,2894	9,3343	— ,0204	—7,2676
2274		Herculis	7.8	3 58 3,44	+2,784	6,7286	8,8335	+ ,4447	—6,0465
2275		Tau. Pon.	7.8	3 58 57,64	2,860	6,3720	8,8291	+ ,4564	—5,5599
2276		Sagittarii	7	3 59 12,59	3,663	—6,1721	—8,8632	+0,5638	+5,7816
2277	403	Herculis	7.8	3 59 27,51	1,828	6,2006	8,9587	+ ,2620	—6,0332
2278	406	———	8	2 59 47,00	1,824	5,4231	8,9594	+ ,2610	—5,2565
2279	182	Serpentis	6.7	2 18 0 0,56	3,136	+5,8903	8,8245	+ ,4964	—4,5968
2280	405	Herculis	6.7	2 0 12,29	2,758	6,0771	8,8353	+ ,4406	+5,4309
2281		Sagittarii		0	3,721	+6,2884	—8,8704	+0,5707	—5,9310
2282	*b*	Herculis	5.6	2 0 45.92	2,280	6,4985	8,8886	+0,3579	+6,2043
2283	*i*	———	6.7	1 1 10,85	2,414	6,6353	8,8705	+0,3827	+6,2781
2284		Draconis	8	2 2 13,76	—0,956	7,2943	9,3254	—9,9805	+7,2716
2285		Tau. Pon.	7.8	3 2 40,19	+2,889	6,9249	8,8277	+0,4607	+6,0473
2286	35	Telescopii	6	3 3 51,23	4,369	+7,2249	—8,9687	+0,6404	—7,0686
2287		Tau. Pon.	7.8	3 4 15,32	2,875	,1181	8,8283	+0,4586	+6,2723
2288		Draconis	7	3 5 20,87	—0,069	,5976	9,2307	—8,8388	+7,5614
2289		Telescopii	*var.*	3 5 57,45	+4,120	,3655	8,9285	+0,6149	—7,1569
2290		Sagittarii	7	3 6 56,60	3,788	,3764	8,8791	+0,5784	—7,0527
2291		Sagittarii	8	3 7 53,98	3,547	+7,4001	—8,8499	+0,5499	—6,9282
2292		Draconis	8	3 8 19,59	0,572	,7107	9,1499	+9,7574	+7,6560
2293		Clypei. Sob.	7.8	3 8 51,05	3,359	,4343	8,8336	+0,5262	—6,7628
2294	68	Sagittarii	7.8	3 10 37,57	3,870	,5692	8,8903	+0,5877	—7,2811
2295	π	Telescopii	6	3 10 55,97	4,137	,6231	8,9311	+0,6167	—7,4193

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						*s.*	″
2251	2	+40 1 14,06	— 1,154	+9,9886	—8,5681	—0,0621	+9,9993	289		—0,15
2252		+24 48	1,136	+9,9101	—8,3765	,0555	,9993	285	+,028	
2253	2	—23 54 25,24	1,107	—7,8451	+8,3498	,0442	,9993	283	+,007	—0,06
2254		+ 0 41	1,037	+9,6493	—6,8009	,0159	,9994	291	+,005	
2255	3	+40 2 30,58	1,043	+9,9881	—8,5247	,0183	,9994	295	—,010	—0,13
2256	1	+18 38 26,71	0,909	+9,8633	—8,1612	—9,9587	+9,9995	301	+,023	0,00
2257		— 4 48	0,781	+9,5416	+7,5133	,8927	,9997	307	+,011	
2258	4	—22 7 7,77	0,699	+8,4150	+8,1186	,8448	,9997	310	+,009	—0,11
2259	3	+45 0 36,24	0,694	+0,0060	—8,3887	,8411	,9997	327	—,001	—0,08
2260	3	—19 5 36,93	0,659	+8,8657	+8,0312	,8187	,9998	317	—,092	0,00
2261		—22 53	0,630	+8,0414	+8,0872	—9,7990	+9,9998	320		
2262	3	—22 42 35,64	0,583	+8,1461	+8,0504	,7656	,9998	326	+,004	+0,05
2263	3	—24 18 29,08	0,513	—8,2304	+8,0228	,7101	,9998	333	+,012	—0,06
2264		—22 49	0,507	+8,0792	+7,9921	,7052	,9999	334		
2265	3	+33 13 26,50	0,461	+9,9595	—8,0999	,6633	,9999	347	+,015	—0,08
2266	2	—13 25 23,40	0,120	—9,5705	+8,1583	—9,6230	+9,9999	341	—,010	—0,11
2267	3	+45 30 43,04	0,108	+0,0073	—8,1620	,6108	,9999	353	+,011	—0,10
2268	1	+77 3 26,57	0,373	+0,0298	—8,2587	,5718	,9999	370		+0,13
2269		+74 35	0,338	+0,0330	—8,2112	,5291	,9999	369	—,031	
2270	5	—45 46 34,87	0,297	—9,6170	+8,0266	,4732	,9999	348	+,022	—0,15
2271	3	— 8 19 44,46	0,274	+9,4533	+7,2159	—9,3567	+0,0000	357	+,018	+0,01
2272	2	—44 57 39,19	0,169	—9,6010	+7,7751	9,2281	,0000	354	—,004	—0,32
2273	2	+72 1 12,12	0,181	+0,0354	—7,9333	9,2570	,0000	382	—,014	+0,08
2274	3	+11 59 50,08	0,157	+9,8007	—7,2130	9,1970	,0000	362	+,004	+0,04
2275	3	+ 8 52 15,36	0,070	+9,7657	—6,7308	8,8449	,0000	368	+,009	—0,19
2276		—21 0	0,041	—8,0414	+6,9184	—8,6108	+0,0000	366	+,003	
2277	3	+42 51 7,52	0,035	+9,9991	—7,0744	8,5438	,0000	379	+,019	—0,10
2278		+42 56	0,006	0,0000	—6,2971	7,7657	,0000	384	+,008	
2279	1	— 2 55 26,68	+ 0,023	+9,5827	—5,7724	+8,3678	,0000	378	—,006	—0,01
2280	1	+13 3 16,98	+ 0,035	+9,8122	+6,5956	8,5138	,0000	381	+,001	—0,07
2281	2	—26 3 14,74	+ 0,052	—8,6990	—7,0606	+8,7199	+0,0000	377		—0,05
2282	3	+30 32 33,19	0,082	+9,9455	+7,3155	8,9118	,0000	385	+,003	—0,03
2283		+26 4	0,117	+9,9185	+7,4079	9,0667	,0000	390	+,018	
2284	3	+71 37 49,32	0,187	+0,0358	+7,9462	9,2708	,0000	11	+,006	+0,20
2285	3	+ 7 36 30,31	0,251	+9,7497	+7,2195	9,3991	,0000	4	+,013	—0,10
2286	3	—44 14 48,18	0,361	—9,5877	—8,0998	+9,5581	+9,9999	5	+,025	—0,04
2287	2	+ 8 11 47,03	0,391	+9,7574	+7,4440	,5917	,9999	10	+,002	—0,12
2288	3	+66 55 27,76	0,466	+0,0374	+8,3306	,6687	,9999	23	—,013	+0,03
2289	3	—38 13 25,13	0,548	—9,4425	—8,2282	,7388	,9998	16	,000	—0,03
2290	4	—28 19 49,90	0,630	—8,9638	—8,1734	,7990	,9998	21	+,015	—0,20
2291	4	—19 43 28,21	0,711	+8,8573	—8,0781	+9,8520	+9,9997	26	+,003	—0,18
2292	3	+61 50 33,67	0,729	+0,0358	+8,5059	,8625	,9997	31	+,007	+0,06
2293	3	—12 17 49,81	0,799	+9,3243	—7,9288	,9023	,9996	27	+,008	—0,21
2294	3	—31 0 14,16	0,956	—9,1523	—8,3902	,9804	,9995	33	—,005	+0,04
2295	3	—38 43 18,95	0,985	—9,4579	—8,4876	,9934	,9995	34	+,001	—0,11

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Anuual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
2296	A^1 Telescopii	7	2	18 11 42,81	+4,064	+7,6412	—8,9194	+0,6089	—7,4180
2297	———	7	3	11 42,89	+4,286	7,6767	8,9549	+0,6320	—7,5054
2298	Clyp. Sob.	7	1	12 17,34	+3,460	7,5819	8,8412	+0,5391	—7,0322
2299	σ Telescopii	6	2	12 17 64	+4,365	7,7083	8,9677	+0,6400	—7,5515
2300	A^2 ———	6	3	12 20,18	+4,048	7,6599	8,9169	+0,6072	—7,4322
2301	μ Cephei	6.7	2	12 22,44	—4,474	+8,2992	—9,5822	—0,6507	+8,2925
2302	6 ———	7	3	12 28,41	—4,474	8,3040	9,5822	—0,6507	+8,2973
2303	441 Herculis	7	3	13 29,98	+2,310	7,6599	8,8839	+0,3636	+7,3535
2304	———	6 7	2	14 0,10	+2,331	7,6736	8,8809	+0,3675	+7,3580
2305	444 ———	6	3	14 34,95	+2,305	7,6933	8,8845	+0,3627	+7,3894
2306	167 Draconis	6.7	3	16 14,05	—0,350	+8,1127	—9,2626	—9,5441	+8,0819
2307	Sagittarii	7	3	16 39,67	+3,950	7,7710	8,9016	+0,5966	—7,5128
2308	172 Draconis	6	2	17 56,29	—0,343	8,1561	9,2617	—9,5353	+8,1253
2309	μ Lyræ	6.7	3	18 47,57	+1,974	7,8525	8,9345	+0,2953	+7,6553
2310	88 Sagittarii	7	3	19 11,39	+3,699	7,7965	8,8663	+0,5681	—7,4281
2311	———		2	19	+3,938	+7,8326	—8,8995	+0,5953	—7,5704
2312	ν Cor. Aust.	7	2	19 19,00	+4,267	7,8860	8,9513	+0,6301	—7,7116
2313	δ^1 Telescopii	6	3	19 31,71	+4,447	7,9197	8,9806	+0,6481	—7,7767
2314	δ^2 ———	6	3	19 49,67	+4,440	7,9257	8,9794	+0,6474	—7,7816
2315	Draconis	7		20 1,07	—0,122	8,1786	9,2367	—9,0864	+8,1438
2316	θ Cor. Aust.	7	2	21 43,27	+4,284	+7,9387	—8,9538	+0,6318	—7,7678
2317	Sagittarii	6.7	3	21 44,16	+3,510	7,8282	8,8446	+0,5453	—7,3266
2318	χ Cor. Aust.	6	3	21 59,63	+4,139	7,9205	8,9303	+0,6169	—7,7178
2319	101 Sagittarii	7	3	22 46,65	+3,528	7,8505	8,8462	+0,5475	—7,3650
2320	Ursæ Min.	7.8	1	22 55,52	—14,488	8,9192	9,9437	—1,1610	+8,9180
2321	ϕ Draconis	7	3	23 6,77	—0,849	+8,3176	—9,3146	—9,9289	+8,2939
2322	Sagittarii			23	+3,666	7,8832	8,8616	+0,5642	—7,4965
2323	105 ———	7	3	24 27,09	+3,669	7,8966	8,8618	0,5645	—7,5115
2324	———	6.7	1	24 37,68	+3,931	7,9361	8,8977	0,5915	—7,6722
2325	184 Draconis	7.8	2	25 30,10	+0,158	8,2505	9,2029	9,1987	+8,2094
2326	Clyp. Sob.	7	3	27 7,32	+3,482	+7,9196	—8,8410	+0,5418	—7,3937
2327	42 ———	6 7	3	27 14,90	+3,228	7,9046	8,8239	0,5089	—6,9822
2328	Lyræ	7 8	1	27 19,65	+2,005	8,0093	8,9285	0,3021	+7,8055
2329	112 Sagittarii	7.8	1	27 23,80	+3,533	7,9298	8,8459	0,5481	—7,4497
2330	35 Lyræ	7	3	29 7,90	+1,692	8,0878	8,9792	0,2284	+7,9453
2331	d Draconis	6	3	29 43,58	+1,034	+8,1996	—9,0831	+0,0145	+8,1227
2332	37 Lyræ	7	2	29 49,63	+2,004	8,0477	8,9282	0,3019	+7,8443
2333	———	7	3	31 28,30	+1,805	8,1027	8,9604	0,2565	+7,9418
2334	82 Urs. Min.		3	31 44,23	—21,929	9,2189	0,0965	—1,3410	+9,2183
2335	128 Sagittarii	6.7	3	31 47,94	+3,657	8,0076	8,8588	+0,5631	—7,6166
2336	λ Cor. Aust.	6	3	32 27,71	+4,119	+8,0835	—8,9257	+0,6148	—7,8773
2337	Lyræ	8	3	32 36,40	+2,110	8,0697	9,9110	0,3243	+7,8580
2338	43 ———	7	3	32 39,32	+1,976	8,0909	8,9322	0,2958	+7,8947
2339	13 Cor. Aust.	6.7	3	33 15,88	+4,021	8,0794	8,9101	0,6043	—7,8463
2340	14 ———	6.7	3	33 29,29	+4,171	8,1058	8,9339	0,6202	—7,9123

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s.*	″
2296	3	−36 44 15,54	+ 1,055	−9,3962	−8,4980	+0,0232	+9,9994	37	+,018	−0,10
2297	3	−42 23 26,27	1,055	−9,5478	− ,5499	,0232	,9994	36	+,004	−0,12
2298	2	−16 23 35,22	1,101	+9,1271	− ,1903	,0419	,9993	43	+,005	−0,10
2299	3	−44 10 55,90	1,101	−9,5855	− ,5832	,0419	,9993	39	−,003	−0,10
2300	4	−36 18 35,15	1,107	−9,3820	− ,5146	,0442	,9993	42	+,009	−0,06
2301		+79 58	1,043	+0,0245	+8,7097	+0,0183	+9,9994	62	+,058	
2302	4	+79 58 20,70	1,055	+0,0245	+ ,7145	,0232	,9994	63	+,035	+0,06
2303	3	+29 35 55,54	1,195	+9,9395	+ ,8689	,0772	,9992	51	+,009	−0,10
2304	3	+28 54 53,92	1,241	+9,9355	+ ,4763	,0958	,9992	53	+,005	−0,07
2305	4	+29 47	1,287	+9,9405	+ ,5039	,1098	,9991	57	−,023	
2306	3	+68 41 43,89	1,415	+0,0362	+8,8182	+0,1509	+9,9989	67	+,001	−0,06
2307	3	−33 29 51,72	1,480	−9,2742	− ,6100	,1701	,9988	60	−,004	+0,01
2308	3	+68 40 32,06	1,567	+0,0358	+ ,8622	,1950	,9987	80	−,004	−0,20
2309	3	+39 25 15,90	1,654	+9,9859	+ ,7193	,2185	,9985	78	+,008	−0,05
2310	3	−25 21 15,82	1,700	−8,5441	− ,5602	,2306	,9984	75	+,009	−0,17
2311	4	−33 8 44,19	1,712	−9,2577	−8,6694	+0,2335	+9,9984	72		−0,06
2312	3	−42 0 46,12	1,717	−9,5378	− ,7587	,2350	,9984	70	+,009	−0,15
2313	4	−46 0 56,96	1,735	−9,6180	− ,7945	,2394	,9984	73	+,007	−0,14
2314	3	−45 51 37,56	1,764	−9,6159	− ,8006	,2466	,9983	76	−,001	−0,08
2315	2	+67 21 16,69	1,747	+0,0358	+ ,9054	,2423	,9983	93	−,021	+0,04
2316	3	−42 25 18,54	1,927	−9,5453	−8,8120	+0,2848	+9,9980	85	+,011	−0,13
2317	4	−18 22 5,80	1,921	+8,9912	− ,4800	,2835	,9980	91	+,019	−0,03
2318	3	−38 50 1,54	1,950	−9,4548	− ,7854	,2900	,9979	89	−,020	+0,02
2319	4	−19 4 56,07	2,014	+8,9294	− ,5165	,3040	,9978	95	+,007	−0,16
2320	1	+85 59 55,26	1,886	+0,0107	+ ,9724	,2756	,9981	150	−,029	+0,62
2321	4	+71 14 58,54	2,008	+0,0338	+8,9771	+0,3028	+9,9978	113	+,011	+0,13
2322	3	−24 13 17,86	2,095	−8,0792	−8,6325	,3212	,9976	103		−0,10
2323	3	−24 20 24,48	2,159	−8,1761	−8,6472	,3342	,9975	108	+,003	−0,06
2324	2	−33 0 36,78	2,176	−9,2480	−8,7718	,3377	,9974	109	,000	+0,06
2325	3	+65 27 40,66	2,222	+0,0350	+9,0038	,3469	,9973	124	+,014	−0,12
2326	3	−17 20 0,94	2,385	+9,0719	−8,5196	+0,3775	+9,9969	120	+,012	0,00
2327	3	− 6 52 4,64	2,396	+9,4941	−8,1552	,3796	,9969	123	+,009	−0,10
2328	3	+38 42 59,86	2,396	+9,9823	+8,8738	,3796	,9969	127	−,005	−0,18
2329	3	−19 20 17,98	2,414	+8,9031	−8,6006	,3827	,9968	121	+,009	−0,10
2330	3	+46 5 37,31	2,552	+0,0065	+8,9625	,4070	,9965	135	+,008	+0,09
2331	4	+56 55 20,66	2,598	+0,0326	+9,0360	+0,4148	+9,9963	139	+,003	+0,09
2332	3	+38 45 53,82	2,616	+9,9818	+8,9124	,4177	,9963	137	−,012	−0,06
2333	3	+43 39 41,16	2,755	+9,9991	+8,9773	,4401	,9959	145	+,012	−0,14
2334	3	+86 58 0,85	2,616	+0,0055	+9,1151	,4177	,9963	227	+,001	+0,51
2335	3	−23 58 42,66	2,795	−7,6990	−8,7535	,4464	,9957	141	+,013	−0,05
2336	4	−38 28 19,32	2,853	−9,4409	−8,9472	+0,4553	+9,9955	142	+,007	−0,02
2337	2	+35 54 47,45	2,859	+9,9689	+8,9226	,4562	,9955	151	+,006	−0,14
2338	2	+39 31 32,83	2,859	+9,9845	+8,9580	,4562	,9955	153	+,001	−0,11
2339	3	−35 47 44,29	2,928	−9,3541	−8,9315	,4666	,9953	146	−,003	−0,15
2340	4	−39 50 35,96	2,946	−9,4786	−8,9737	,4691	,9953	147	−0,22	−0,22

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
2341	Clyp. Sob.	7	3	18 34 34,72	+3,266	+8,0093	−8,8237	+0,5140	−7,1798
2342	48 Lyræ	7	2	34 36,52	2,027	,1077	8,9238	,3068	+7,8993
2343	Draconis	7	2	35 5,38	1,365	,2212	9,0314	,1351	+8,1189
2344	193 ———	7	2	36 5,35	1,376	,2310	9,0296	,1386	+8,1278
2345	μ Cor. Aust.	6	2	36 12,36	4,197	,1440	8,9378	,6229	−7,9571
2346	130 Sagittarii	7	2	36 16,43	3,542	+8,0509	−8,8447	+0,5492	−7,5801
2347	Lyræ	7		36	2,095	,1212	8,9126	+ ,3212	+7,8945
2348	η^1 Cor. Aust.	6	2	36 55,64	4,335	,1751	8,9601	+ ,6370	−8,0157
2349	198 Draconis	7	2	37 14,16	−1,056	,5486	9,3344	− ,0237	+8,5275
2350	η^2 Cor. Aust.	6	3	37 42,50	+4,323	,1824	8,9580	+ ,6358	−8,0210
2351	55 Lyræ	7	6	37 49,26	2,096	+8,1350	−8,9122	+0,3214	+7,9084
2352	n Serpentis	6.7	3	37 57,35	3,094	,0438	8,8179	+ ,4905	−6,3401
2353	133 Sagittarii	8	3	38 5,03	3,559	,0735	8,8461	+ ,5513	−7,6168
2354	Draconis	7	5	38 48,65	−1,043	,5660	9,3331	− ,0183	+8,5448
2355	ζ^2 Lyræ	6	3	39 7,34	+2,060	,1558	8,9176	+ ,3139	+7,9395
2356	Lyræ	6.7	3	39 34,56	2,098	+8,1550	−8,9116	+0,3218	+7,9283
2357	485 Herculis	6.7	3	41 41,82	2,612	,1079	8,8413	,4170	+7,6238
2358	8 Aquilæ	7	3	42 26,04	3,147	,0921	8,8171	,4979	−6,8715
2359	9 ———	6 7	3	42 42,36	3,148	,0948	8,8170	,4980	−6,8805
2360	Draconis	7	2	43 32,30	0,851	,3930	9,1091	,9299	+8,3278
2361	ν^1 Lyræ	7	3	43 37,19	2,228	+8,1772	−8,8905	+0,3479	+7,9090
2362	ν^2 ———	6	3	43 43,13	2,237	,1765	8,8892	0,3497	+7,9051
2363	Draconis	7	2	44 32,46	0,873	,4004	9,1057	9,9410	+8,3341
2364	———	7	3	45 10,46	1,023	,3847	9,0834	0,0099	+8,3100
2365	ι Cor. Aust.	6	4	45 28,59	4,074	,2224	8,9159	0,6100	−8,0072
2366	Sagittarii	7		46	3,632	+8,1686	−8,8518	+0,5601	−7,7664
2367	ϵ Cor. Aust.	6	2	47 35,43	4,064	,2406	8 9137	,6089	−8,0230
2368	δ^1 Lyræ	6	2	47 57,81	2,092	,2393	8,9106	,2206	+8,0164
2369	163 Sagittarii	7	3	48 23,34	3,560	,1765	8,8428	,5514	−7,7235
2370	Serpentis	7	3	48 25,87	2,975	,1482	8,8152	,4735	+6,9989
2371	π Lyræ	5.6	3	50 18,76	1,820	+8,3038	−8,9544	+0,2601	+8,1434
2372	214 Draconis	7	3	50 25,94	1,586	,3440	8,9934	+ ,2003	+8,2195
2373	ζ Cor. Aust.	5.6	3	51 25,36	4,254	,3054	8,9438	+ ,6288	−8,1336
2374	Draconis	7	3	51 29,63	−1,635	,7440	9,3865	− ,2135	+8,7280
2375	20 Aquilæ	5.6	2	51 29,95	+2,757	,1864	8,8247	+ ,4404	+7,5521
2376	l Draconis	6.7	2	51 38,88	−1,874	+8,7652	−9,4065	−0,2728	+8,7507
2377	168 Sagittarii	6 7	2	51 40,87	+3,618	,2112	8,8484	+ ,5585	−7,8015
2378	Draconis	7	2	51 52,07	1,693	,3386	8,9752	,2287	+8,1995
2379	Lyræ	7.8	3	52 49,52	1,999	,2962	8,9243	,3008	+8,0989
2380	———	7	2	52 57,49	1,994	,2981	8,9250	,2997	+8,1021
2381	103 Lyræ	7.8	2	52 59,37	2,273	+8,2558	−8,8810	+0,3566	+7,9733
2382	λ ———	5.6	2	53 47,24	2,259	,2627	8,8830	,3539	+7,9859
2383	496 Herculis	6.7	3	53 52,85	2,619	,2172	8,8363	,4181	+7,7316
2384	Lyræ	7	3	54 40,97	2,062	,3010	8,9174	,3143	+8,0880
2385	222 Draconis	6	2	54 44,94	0,990	,4741	9,0872	,9956	+8,4026

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P.M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s.*	″
2341	4	— 8 31 21,60	+ 3,038	+9,4518	—8,3511	+0,4825	+9,9949	158	—,004	—0,20
2342	3	+38 13 4,60	3,026	+9,9791	+8,9705	,4809	,9950	160	+,015	—0,03
2343	3	+52 11 47,93	3,066	+0,0199	+9,0824	,4866	,9959	165	+,008	—0,01
2344	4	+52 2 38.87	3,147	+0,0195	+9,0927	,4979	,9946	170	+,016	+0,08
2345	3	—40 34 22,80	3,182	—9,4941	—9,0138	,5026	,9945	161	+,014	—0,16
2346	4	—19 46 17,67	3,182	+8,8692	—8,7298	+0,5026	+9,9945	162	—,001	—0,12
2347	5	+36 23 42,28	3,198	+9,9708	+8,9764	,5050	,9944	172		0,00
2348	4	—43 50 58,13	3,245	—9,5682	—9,0498	,5112	,9942	166	—,002	—0,21
2349	5	+72 16 10,50	3,239	+0,0302	+9,1873	,5104	,9943	186	+,037	+0,12
2350	3	—43 36 21,64	3,314	—9,5635	—9,0570	,5203	,9940	169	,000	—0,16
2351	5	+36 23 31,03	3,302	+9,9703	+8,9902	+0,5188	+9,9940	179	+,013	+0,04
2352	3	— 1 7 44,20	3,325	+9,6180	—7,5161	,5218	,9939	176	+,003	—0,14
2353	4	—20 26 46,08	3,337	+8,7993	—8,7647	,5233	,9939	175	+,004	—0,18
2354	3	+72 13 52,02	3,377	+0,0298	+9,2053	,5285	,9937	199	+,014	+0,11
2355	1	+37 25 39,37	3,417	+9,9750	+9,0155	,5337	,9936	189	+,010	+0,08
2356	3	+36 23 51,45	3,457	+9,9699	+9,0101	+0,5388	+9,9934	193	—,002	0,00
2357	3	+19 8 55,96	3,641	+9,8645	+8,7752	,5612	,9927	203	+,015	—0,19
2358	4	— 3 26 37,57	3,710	+9,5729	—8,0468	,5694	,9924	205	—,017	—0,12
2359	3	— 3 30 10,11	3,733	+9,5717	—8,0557	,5720	,9923	206	—,007	0,00
2360	4	+59 22 46,64	3,784	+0,0278	+9,2108	,5780	,9921	220	+,028	—0,18
2361	4	+32 37 39,62	3,807	+9,9518	+9,0104	+0,5806	+9,9920	213	—,004	+0,02
2362	3	+32 21 55,73	3,813	+9,9504	+9,0079	,5813	,9920	214	+,005	—0,04
2363	3	+59 8 44,25	3,876	+0,0269	+9,2202	,5884	,9917	226	+,040	—0,12
2364	3	+57 20 26,08	3.933	+0,0253	+9,2184	,5947	,9915	229	+,006	+0,09
2365	3	—37 32 40,26	3,979	—9,4031	—9,0826	,5998	,9913	222	+,007	—0,02
2366	1	—23 20 57,31	4,070	+8,0000	—8,9054	+0,6096	+9,9908	228		+0,13
2367	4	—37 18 50,15	4,161	—9,3944	—9,0997	,6192	,9904	230	—,006	—0,21
2368	3	+36 46 12,52	4,179	+9,9699	+9,0962	,6210	,9903	243	+,007	+0,01
2369	4	—20 38 8,17	4,224	+8,7921	—8,8708	,6257	,9901	238	+,009	—0,04
2370	4	+ 4 3 36,27	4,218	+9,7007	+8,1739	,6252	,9902	242	+,012	—0,26
2371	3	+43 43 56,26	4,372	+9,9948	+9,1781	+0,6407	+9,9894	252	+,015	+0,02
2372	4	+48 39 22,62	4,384	+0,0086	+9,2155	,6418	,9893	254	,000	—0,15
2373	4	—42 19 14,27	4,492	—9,5250	—9,1786	,6524	,9888	250	+,019	—0,31
2374	3	+ 74 31 32,03	4,452	+0,0237	+9,3305	,6485	,9890	273	—,096	0,00
2375	4	+13 24 34,19	4,492	+9,8116	+8,7160	,6524	,9888	258	+,004	—0,13
2376	3	+75 14 4,87	4,463	+0,0224	+9,3331	+0,6496	+9,9889	279	+,020	—0,03
2377	3	—22 55 8,53	4,503	+8,3222	—8,9419	,6535	,9887	255	+,004	+0,13
2378	3	+16 33 11,31	4,509	+0,0022	+9,2130	,6540	,9887	264	+,003	+0,03
2379	3	+39 25 19,10	4,594	+9,9782	+9,1629	,6622	,9883	268	+,006	—0,10
2380	4	+39 33 23,62	4,605	+9,9800	+9,1652	,6632	,9882	270	+,004	—0,17
2381	4	+31 27 32,03	4,622	+9,9135	+9,0804	+0,6649	+9,9881	269	+,003	+0,04
2382	3	+31 55 10,69	4,673	+9.9155	+9,0908	,6696	,8979	276	+,004	0,00
2383	3	+19 4 54,55	4,685	+9,8621	+8,8832	,6707	,9878	271	+,013	—0,06
2384	3	+37 46 2,49	4,753	+9,9722	+9,1620	,6769	,9874	283	,000	—0,17
2385	3	+57 59 58,36	4,747	+0,0224	+9,3029	,6764	,9875	287	+,003	—0,09

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
2386	Sagittarii 7	3	18 55 32,21	+3,670	+8,2485	—8,8533	+0,5647	—7,8731
2387	110 Lyræ 6.7	2	55 42,57	2,213	,2850	8,8893	,3450	+8,0257
2388	Aquilæ 7	3	56 44,61	3,094	,2152	8,8104	,4905	—6,5240
2389	114 Lyræ 6.5	3	56 46,50	1,693	,3779	8,9742	,2287	+8,2399
2390	227 Draconis 6.7	3	57 27,28	1,189	,4652	9,0562	,0752	+8,3808
2391	Aquilæ 6.7	3	57 44,73	2,925	+8,2251	—8,8125	+0,4641	+7,2666
2392	Antinoi 7	3	58 28,76	3,184	,2296	8,8112	,5030	—7,1813
2393	125 Lyræ 6	3	19 0 4,95	2,371	,2939	8,8643	,3749	+7,9706
2394	232 Draconis 7	2	0 23,18	1,283	,4725	9,0410	,1082	+8,3813
2395	Lyræ 7.8	1	0 50,98	2,135	,3358	8,8997	,3294	+8,1038
2396	1 Cygni 6.7	3	0 53,87	1,549	+8,4330	—8,9974	+0,1900	+8,3152
2397	Antinoi 7	3	1 8,66	3,238	,2504	8,8119	,5103	—7,3681
2398	128 Lyræ 7	2	1 11,26	2,255	,3190	8,8809	,3531	+8,0462
2399	*m* Draconis 6.7	3	1 12,39	1,348	,4678	9,0302	,1297	+8,3710
2400	ι Lyræ 6	3	1 24,85	2,137	,3388	8,8993	,3298	+8,1065
2401	132 Lyræ 7.8	3	2 10,52	2,037	+8,3606	—8,9152	+0,3090	+8,1565
2402	198 Sagittarii 7	2	2 38,66	4,375	,4111	8,9613	,6410	—8,2640
2403	Cygni 7	3	3 16,07	1,474	,4625	9,0093	,1685	+8,3537
2404	Lyræ 7	3	4 1,28	2,082	,3663	8,9074	,3185	+8,1511
2405	B Sagittarii 6	3	4 20,26	4,385	,4253	8,9625	,6420	—8,2802
2406	Q Cephei 7	2	4 48,12	—2,411	+8,9106	—9,4483	—0,3822	+8,8990
2407	Lyræ 7.8	2	5 14,48	+2,033	,3823	8,9149	+ ,3081	+8,1802
2408	211 Sagittarii 7.8	3	5 17,57	3,475	,2951	8,8268	,5409	—7,7760
2409	Lyræ 7 8	3	6 25,29	2,025	,3915	8,9157	,3064	+8,1918
2410	Cygni 7.8	3	6 55,18	1,482	,4861	9,0071	,1706	+8,3772
2411	Sagittarii 7	3	8 18,70	4,037	+8,3922	—8,9029	+0,6061	—8,1735
2412	214 ——— 7	3	8 32,08	3,511	,3194	8,8287	0,5454	—7,8350
2413	239 Draconis 7	3	9 7,92	0,240	,6827	9,1897	9,3802	+8,6425
2414	Cephei 7.8	3	9 20,53	—2,648	,9586	9,4657	—0,4229	+8,9481
2415	Aquilæ 6.7	3	10 5,16	+3,065	,3040	8,8031	+0,4864	+5,6709
2416	80 Aquilæ 6.7	3	11 0,89	2,859	+8,3154	—8,8083	+0,4562	+7,5254
2417	Sagittarii 7.8	3	12 56,85	3,965	,4093	8,8894	0,5982	—8,1707
2418	Draconis 7	3	13 48,55	0,106	,7294	9,2061	9,0253	+8,6929
2419	89 Aquilæ 7	3	13 52,91	3,157	,3268	8,8019	0,4993	—7,1722
2420	92 ——— 7	3	14 5,59	2,831	,3344	8,8082	0,4519	+7,5998
2421	9 Cephei 6.7	3	15 8,52	—2,116	+8,9564	—9,4252	—0,3255	+8,9438
2422	242 Draconis 7	3	15 15,41	+0,595	,6753	9,1416	+9,7745	+8,6249
2423	Sagittarii 6.7	3	16 39,91	3,567	,3732	8,8305	0,5523	—7,9385
2424	3 Sagittæ 6.7	3	17 20,33	2,691	,3635	8,8172	,4299	+7,8207
2425	Cygni 7	2	18 39,86	1,414	,5692	9,0156	,1504	+8,4700
2426	17 Cygni 6.7	3	19 0,96	2,616	+7,3802	—8,8239	+0,4176	+7,9097
2427	19 ——— 7.8	3	19 4,24	1,571	,5450	8,9891	,1962	+8,4291
2428	247 Sagittarii 6	3	19 12,26	3,414	,3711	8,8132	,5233	—7,7957
2429	250 ——— 7 8	3	20 9,42	3,420	,3765	8,8130	,5340	—7,8087
2430	172 Lyræ 6	3	20 12,65	2,156	,4517	8,8887	,3336	+8,2209

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						*s.*	″
2386	3	—24 54 56,37	+ 4,832	—8,1761	—9,0067	+0,6841	+9,9870	282	+,017	—0,08
2387	4	+33 23 20,33	4,838	+9,9523	+9,1234	,6846	,9870	290	+,012	—0,01
2388	4	— 1 10 37,53	4,934	+9,6170	—7,7000	,6932	,9864	295	+,001	—0,10
2389	3	+46 42 16,45	4,921	+0,0113	+9,2522	,6922	,9865	299	+,018	—0,08
2390	3	+55 25 23,41	4,979	+0,0187	+9,3108	,6971	,9862	307	+,008	—0,17
2391	3	+ 6 18 21,77	5,018	+9,7309	+8,4401	+0,7006	+9,9859	302	+,004	—0,15
2392	2	— 5 8 52,65	5,081	+9,5378	—8,3556	,7059	,9856	306	+,007	—0,22
2393	4	+28 22 27,00	5,204	+9,9248	+9,0912	,7164	,9818	318	+,008	—0,06
2394	3	+54 8 36,67	5,227	+0,0154	+9,3251	,7182	,9847	325	+,002	—0,13
2395	3	+35 52 34,06	5,278	+9,9624	+9,1885	,7225	,9844	326	—,137	—0,04
2396	3	+49 40 21,85	5,272	+0,0073	+9,3022	+0,7220	+9,9844	328	+,026	—0,07
2397	3	— 7 32 1,16	5,306	+9,4829	—8,5404	,7247	,9842	323	+,004	—0,08
2398	4	+32 14 48,04	5,300	+9,9455	+9,1495	,7243	,9843	327	+,016	0,00
2399	4	+53 8 43,58	5,295	+0,0137	+9,3251	,7238	,9813	3	—,012	—0,11
2400	3	+35 50 46,73	5,317	+9,9624	+9,1913	,7257	,9841	2	+,002	0,00
2401	3	+38 40 16,12	5,385	+9,9736	+9,2254	+0,7311	+9,9837	8	+,001	+0,03
2402	4	—45 27 47,85	5,435	—9,5821	—9,2861	,7352	,9834	1	+,012	—0,17
2403	2	+51 7 19,43	5,474	+0,0090	+9,3276	,7383	,9832	17	—,006	0,00
2404	4	+37 31 53,46	5,542	+9,9680	+9,2264	,7436	,9827	19	+,006	—0,05
2405	4	—45 44 40,43	5,586	—9,5855	—9,3001	,7471	,9824	15	+,008	—0,06
2406	4	+76 48 43,21	5,580	+0,0148	+9,4331	+0,7467	+9,9825	38	+,011	+0,10
2407	3	+38 54 3,15	5,642	+9,9736	+9,2474	,7515	,9821	27	+,018	—0,05
2408	3	—17 37 21,02	5,653	+9,0934	—8,9313	,7523	,9820	20	+,020	+0,04
2409	3	+39 8 47,13	5,743	+9,9740	+9,2574	,7591	,9814	30	—,002	—0,14
2410	3	+51 5 26,59	5,782	+0,0077	+9,3513	,7621	,9811	37	—,013	0,00
2411	3	—37 11 2,91	5,910	—9,3636	—9,2509	+0,7716	+9,9803	36	—,014	—0,12
2412	3	—19 9 7,19	5,927	+8,9868	—8,9864	,7728	,9801	39	+,012	—0,08
2413	3	+65 42 11,50	5,955	+0,0204	+9,4327	,7749	,9799	63	+,018	+0,07
2414	4	+77 25 39,49	5,955	+0,0116	+9,4623	,7649	,9799	81	—,004	+1,16
2415	4	+ 0 7 40,73	6,055	+9,6395	+6,8470	,7821	,9792	55	+,018	—0,17
2416	4	+ 9 19 29,03	6,163	+9,7649	+8,6957	+0,7876	+9,9786	64	+,023	—0,11
2417	2	—35 16 34,44	6,299	—9,2878	—9,2588	,7993	,9774	77	+,007	—0,19
2418	4	+66 49 33,60	6,343	+0,0183	+9,4638	,8023	,9771	99	+,006	+0,21
2419	3	— 4 1 27,29	6,365	+9,5647	—8,3472	,8038	,9769	85	+,004	—0,08
2420	4	+10 36 40,36	6,382	+9,7796	+8,7684	,8049	,9768	89	+,002	—0,05
2421	3	+76 16 54,18	6,448	+0,0099	+9,4919	+0,8094	+9,9763	119	+,022	—0,11
2422	3	+62 54 31,21	6,481	+0,0170	+9,4592	,8117	,9760	108	+,015	—0,06
2423	2	—21 33 52,29	6,602	+8,7559	—9,0831	,8197	,9750	104	+,003	—0,03
2424	2	+16 38 29,34	6,652	+9,8363	+8,9781	,8230	,9747	115	+,007	+0,10
2425	3	+52 43 49,60	6,751	+0,0052	+9,4282	,8294	,9738	129	+,020	+0,06
2426	3	+19 46 28,06	6,790	+9,8609	+9,0594	+0,8318	+9,9735	125	+,009	—0,19
2427	3	+49 57 0,27	6,784	+9,9996	+9,4135	,8315	,9736	131	+,012	—0,15
2428	2	—15 25 56,11	6,811	+9,2253	—8,9559	,8332	,9733	124	+,012	—0,22
2429	3	—15 41 30,49	6,888	+9,2148	—8,9680	,8381	,9727	132	+,008	—0,17
2430	4	+35 59 30,34	6,882	+9,9557	+9,3050	,8378	,9727	137	+0,11	+0,15

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
2431	24 Vulpeculæ 7	3	19 20 42,04	+2,613	+8,3896	−8,8231	+0,4171	+7,9223
2432	C Sagittarii 6	3	21 26,96	4,347	,5223	8,9507	,6382	−8,3763
2433	Aquilæ 7.8	3	21 38,30	3,145	,3684	8,7964	,4976	−7,1540
2434	26 Cygni 7	3	21 42,09	2,370	,4263	8,8543	,3747	+8,1137
2435	Aquilæ 6.7	1	21 53,38	3,012	,3693	8,7958	,4788	+7,0233
2436	c Vulpeculæ 7	3	22 8,93	2,614	+8,3968	−8,8221	+0,4173	+7,9298
2437	Sagittarii 7	2	22 27,37	3,569	,4040	8,8274	,5525	−7,9747
2438	118 Aquilæ 7	1	22 44,98	3,031	,3731	8,7950	,4816	+6,8411
2439	29 Cygni 6	3	23 23,36	1,470	,5863	9,0051	,1673	+8,4828
2440	176 Lyræ 7	2	23 32,45	2,163	,4684	8,8861	,3351	+8,2370
2441	Aquilæ 6.7	3	24 0,02	2,912	+8,3827	−8,7973	+0,4642	+7,4777
2442	178 Lyræ 6	3	25 38,41	2,225	,4690	8,8748	,3473	+8,2179
2443	Vulpeculæ 7.8	3	25 43,38	3,613	,4261	8,8307	,5579	−8,0294
2444	129 Aquilæ 7	3	27 15,16	3,129	,3958	8,7919	,4954	−7,0847
2445	Cygni 7.8	2	27 39,88	1,600	,5868	8,9815	,2041	+8,4699
2446	39 Cygni 6.7	3	27 43,99	1,272	+8,6421	−9,0368	+0,1045	+8,5575
2447	Sagittarii 6.7		27	3,298	,4048	8,7984	,5182	−7,6654
2448	Aquilæ 7	3	28 52,55	2,724	,4186	8,8064	,4352	+7,8464
2449	45 Cygni 6.7	3	29 52,61	2,152	,5020	8,8848	,3328	+8,2773
2450	——— 7	2	31 29,96	1,607	,6049	8,9791	,2060	+8,4884
2451	55 Cygni 7	3	31 56,24	2,210	+8,5025	−8,8739	+0,3444	+8,2600
2452	c^2 Sagittarii 7		33	3,385	,4357	8,8009	,5296	−7,8338
2453	61 Cygni 7	3	33 21,87	1,661	,6046	8,9691	,2204	+8,4818
2454	62 ——— 6	3	34 4,24	1,948	,5575	8,9182	,2896	+8,3868
2455	152 Aquilæ 7	3	34 28,60	2,812	,4368	8,7951	,4490	+7,7481
2456	Sagittarii 7.8	4	34 33,95	3,837	+8,5007	−8,8580	+0,5840	−8,2270
2457	Draconis 8	2	34 46,12	−0,193	,8824	9,2400	−9,2856	+8,8538
2458	Sagittæ 7	3	34 58,53	+2,669	,4518	8,8073	+0,1263	+7,9437
2459	286 Sagittarii 6,7	3	35 29,12	+3,839	,5053	8,8577	+0,5842	−8,2329
2460	Draconis 7	4	35 59,33	−0,186	,8875	9,2390	−9,2709	+8,8589
2461	ψ Aquilæ 6.7	3	36 53,69	+2,789	+8,4491	−8,7948	+0,4454	+7,7985
2462	——— 7	3	36 54,97	2,790	,4490	,7947	,4456	+7,7962
2463	——— 7	3	37 6,98	2,845	,4460	,7907	,4541	+7,7019
2464	73 Cygni 6	2	37 25,98	1,610	,6330	,9766	,2068	+8,5182
2465	ν Aquilæ 6.7	2	37 38,38	2,914	,4445	,7865	,4645	+7,5436
2466	Cygni 7	3	38 8,50	2,132	+8,5439	−8,8839	+0,3288	+8,3295
2467	292 Sagittarii 7	2	38 16,17	3,543	,4747	,8133	,5494	−8,0359
2468	Cygni 7	3	39 36,44	2,197	,5394	,8718	,3418	+8,3055
2469	——— 6.7	3	39 42,41	2,232	,5339	,8659	,3487	+8,2883
2470	G Sagittarii 6	3	40 37,31	4,092	,5712	,8979	,6119	−8,3818
2471	Aquilæ 7	1	40 45,83	3,305	+8,4621	−8,7885	+0,5192	−7,7472
2472	Cygni 7	2	41 32,81	2,340	,5242	,8470	,2692	+8,2373
2473	——— 7	3	41 47,54	1,564	,6613	,9831	,1942	+8,5534
2474	——— var.	1	42 32,90	2,285	,5374	,8553	,3589	+8,2739
2475	Sagittæ 7	3	42 50,04	2,693	,4819	,7986	,4302	+7,9552

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P.M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s.*	″
2431	4	+19 54 57,71	+ 6,932	+9,8627	+9,0715	+0,8109	+9,9723	139	+,007	—0,22
2432	3	—15 36 44,98	7,003	—9,5623	—9,3973	,8453	,9717	136	—,005	—0,15
2433	3	— 3 31 8,87	7,008	+9,5752	—8,3293	,8456	,9717	143	+,003	+0,02
2434	3	+29 7 6.83	7,008	+9,9222	+9,2310	,8456	,9717	146	,000	—0,08
2435	3	+ 2 34 3,33	7,030	+9,6767	+8,1989	,8470	,9715	144	+,004	—0,09
2436	3	+19 56 38,70	7,016	+9,8615	+9,0790	+0,8480	+9,9714	151	,000	—0,12
2437	3	—21 51 29,67	7,074	+8,7404	—9,1184	,8497	,9711	147	+,029	—0,07
2438	3	+ 1 40 21,24	7,096	+9,6637	+8,0170	,8510	,9709	152	+,010	—0,06
2439	4	+51 59 17,18	7,140	+0,0009	+9,4482	,8537	,9705	160	—,008	+0,10
2340	4	+35 56 42,31	7,156	+9,9538	+9,3214	,8547	,9704	157	+,013	+0,07
2441	3	+ 7 8 43,54	7,199	+9,7380	+8,6504	+0,8573	+9,9700	158	+,010	—0,03
2112	3	+34 6 23,77	7,329	+9,9150	+9,3120	,8651	,9688	173	+,007	—0,02
2443	3	—23 39 43,99	7,346	+8,3874	—9,1674	,8660	,9687	165	+,001	0,00
2444	2	— 2 48 35,27	7,471	+9,5888	—8,2602	,8734	,9675	179	—,001	—0,06
2445	2	+49 48 57,80	7,492	+9,9952	+9,4557	,8746	,9673	191	+,001	+0,17
2446	3	+55 22 53,90	7,492	+0,0039	+9,4880	+0,8746	+9,9673	193	+,007	—0,17
2447	4	—10 31 1,01	7,508	+9,4116	—8,8342	,8755	,9672	186		—0,12
2448	3	+15 31 42,40	7,595	+9,8235	+9,0063	,8805	,9663	197	—,013	+0,01
2449	3	+36 34 57,94	7,670	+9,9538	+9,3581	,8848	,9656	206	+,005	—0,02
2450	3	+49 52 13,58	7,800	+9,9930	+9,4736	,8921	,9644	220	—,006	—0,07
2451	3	+34 53 23,38	7,842	+9,9155	+9,3500	+0,8944	+9,9639	221	+,016	—0,23
2152	3	—14 30	7,938	+9,2787	—8,9959	,8997	,9629	222		
2453	3	+48 54 11,79	7,950	+9,9899	+9,4756	,9003	,9628	233	+,026	—0,17
2454	3	+42 26 28,39	8,008	+9,9727	+9,4308	,9035	,9622	240	+,010	+0,05
2455	3	+11 48 44,21	8,046	+9,7867	+8,9149	,9056	,9619	238	+,010	+0,01
2456	4	—32 10 30,53	8,062	—9,0794	—9,3307	+0,9064	+9,9617	232	+,009	—0,13
2457	2	+69 25	8,056	+0,0039	+9,5756	,9061	,9617	251	—,010	
2158	2	+18 4 56,24	8,088	+9,8432	+9,0978	,9079	,9614	244	+,013	—0,02
2159	2	—32 17 55,40	8,137	—9,0828	—9,3361	,9104	,9609	243	,000	—0,11
2160	8	+69 25 56,12	8,152	+0,0030	+9,5807	,9113	,9607	259	+,005	+0,02
2161	3	+12 54 44,20	8,242	+9,7973	+8,9634	+0,9161	+9,9598	254	+,007	—0,13
2162	4	+12 50 22,79	8,242	+9,7966	+8,9612	,9161	,9598	255	+,012	+0,89
2163	3	+10 22 56,88	8,259	+9,7716	+8,8708	,9169	,9596	257	+,005	—0,14
2164	3	+50 8 37,77	8,274	+9,9899	+9,5010	,9178	,9594	261	+,003	—0,29
2165	2	+ 7 13 10,22	8,300	+9,7364	+8,7162	,9190	,9591	258	+,016	—0,05
2466	4	+37 36 53,44	8,333	+9,9538	+9,4044	+0,9208	+9,9588	267	+,009	—0,01
2467	4	—21 21 21,74	8,353	+8,8633	—9,1811	,9219	,9586	260	+,004	—0,02
2468	3	+35 41 34,37	8,455	+9,9450	+9,3912	,9271	,9575	276	+,005	—0,02
2469	3	+34 36 49,32	8,460	+9,9405	+9,3798	,9274	,9594	278	+,014	—0,15
2470	3	—40 17 5,88	8,544	—9,4048	—9,4403	,9317	,9565	275	—,010	—0,15
2471	3	—11 7 57,46	8,550	+9,4014	—8,9151	+0,9320	+9,9564	281	+,004	—0,18
2472	3	+31 6 3,18	8,607	+9,9232	+9,3460	,9349	,9557	290	—,002	+0,07
2473	3	+51 16 10,03	8,623	+9,9894	+9,5258	,9357	,9556	293	—,010	+0,04
2474	3	+33 1 42,56	8,687	+9,9320	+9,3734	,9389	,9548	295	+,006	—0,07
2475	3	+17 17 57,81	8,708	+9,8338	+9,1112	,9399	,9546	296	+,018	0,00

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
2476	Vulpeculæ 7.8	3	19 43 29,90	+2,635	+8,4909	—8,8043	+0,4208	+8,0208
2477	93 Cygni 6.7	3	43 37,14	2,119	,5700	8,8831	,3261	+8,3622
2478	Aquilæ 6.7	3	44 20,22	2,830	,4762	8,7855	,4518	+7,7665
2479	309 Sagittarii 6.7	3	44 30,06	3,860	,5475	8,8555	,5866	—8,2888
2480	Cephei 7.8	3	44 54,30	1,335	,7147	9,0217	,1255	+8,6298
2481	25 Sagittæ 6.7	3	45 0,35	2,673	+8,4928	—8,7989	+0,4270	+7,9890
2482	187 Aquilæ 6.7	3	45 41,27	3,250	,4781	8,7807	,5119	—7,6545
2483	Sagittæ 7	1	46 7,22	2,634	,5015	8,8022	,4206	+8,0342
2484	*d* Cygni 6	3	46 29,21	1,507	,6921	8,9915	,1781	+8,5920
2485	ε Draconis 5.6	2	48 41,82	—0,175	,9466	9,2363	—9,2430	+8,9192
2486	259 Draconis 7	3	48 43,47	—0,602	+8,9944	—9,2844	—9,7796	+8,9727
2487	K¹ Sagittarii 6	1	48 59,26	+3,921	,5760	8,8630	+0,5934	—8,3421
2488	317 ——— 6.7	3	49 5,84	4,278	,6408	8,9271	,6312	—8,4945
2489	K² ——— 6	3	49 7,86	3,903	,5734	8,8597	,5914	—8,3332
2490	110 Cygni 6	3	49 53,78	1,238	,7555	9,0363	,0927	+8,6796
2491	η Cygni 5	3	50 7,33	2,249	+8,5742	—8,8564	+0,3520	+8,3291
2492	ψ ——— 5.6	3	51 21,76	1,555	,7044	8,9812	,1917	+8,6011
2493	106 ——— 7	3	51 34,56	2,145	,5982	8,8738	,3314	+8,3879
2194	H Sagittarii 6	3	52 34,78	4,001	,6043	8,8747	,6022	—8,3974
2495	Sagittæ 7.8	3	52 41,59	2,704	,5184	8,7888	,4320	+7,9884
2496	Cephei 7	3	52 43,27	1,306	+8,7536	—9,0243	+0,1159	+8,6735
2497	17 ——— 6	3	52 46,01	1,153	,7792	9,0499	,0618	+8,7096
2498	Aquilæ 7	3	53 10,68	3,081	,5005	8,7684	,4887	—6,5440
2499	119 Cygni 6	3	53 49,08	2,196	,5982	8,8631	,3416	+8,3736
2500	337 Sagittarii 7	3	54 12,62	3,401	,5211	8,7842	,5316	—7,9579
2501	123 Cygni 6 7	2	54 52,81	1,589	+8,7130	—8,9737	+0,2011	+8,6072
2502	L² Sagittarii 7	3	55 0,10	3,841	,5856	8,8451	,5844	—8,3269
2503	Cygni 7	3	55 11,39	2,197	,6031	8,8620	,3418	+8,3790
2504	341 Sagittarii 7	3	55 15,09	3,535	,5400	8,7983	,5484	—8,1092
2505	18 Cephei 7	3	55	1,242	,7765	9,0343	,0941	+8,7019
2506	ε Cygni 7	3	56 41,44	1,694	+8,7011	—8,9538	+0,2289	+8,5833
2507	——— 7	2	56 46,75	2,178	,6124	8,8645	0,3381	+8,3955
2508	347 Sagittarii 7	2	58 40,63	3,474	,5444	8,7876	0,5408	—8,0627
2509	1 Capricorni 7	3	59 10,15	3,389	,5372	8,7781	0,5301	—7,9636
2510	e^1 Draconis 6		59	0,657	,8856	9,1254	9,8176	+8,8106
2511	Sagittarii 7	2	59 47,60	4,190	+8,6672	—8,9052	+0,6222	—8,5099
2512	349 Sagittarii 7.8	3	59 54,88	3,513	,5535	8,7912	,5457	—8,1088
2513	Aquilæ 7	2	20 0 0,03	2,732	,5411	8,7788	,4365	+7,9862
2514	b^1 Cygni 6	3	0 13,86	2,242	,6137	8,8505	,3506	+8,3780
2515	*y* Sagittarii 6.7		0 20,70	3,922	,6195	8,8554	,5935	—8,3935
2516	Draconis 7	2	0 24,22	0,677	+8,8857	—9,1222	+0,8306	+8,8101
2517	e^2 ——— 7	3	0 29,03	0,679	,8856	9,1219	9,8319	+8,8100
2518	Aquilæ 7	4	0 34,99	2,732	,5431	8,7782	0,4365	+7,9887
2519	353 Sagittarii 7	2	0 51,29	3,484	,5531	8,7867	,5421	—8,0837
2520	352 ——— 7	3	1 2,07	4,152	,6648	8,8975	,6183	—8,5004

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						*s.*	″
2176	3	+19 47 45,35	+ 8,760	+9,8531	+9,1704	+0,9425	+9,9540	299	+,001	—0,21
2177	3	+38 17 54,28	8,765	+9,9533	+9,4330	,9428	,9539	304	+,008	—0,13
2178	3	+11 13 35,30	8,828	+9,7789	+8,9341	,9459	,9532	306	—,012	—0,31
2179	3	—33 28 9,17	8,849	—9,1238	—9,3863	,9469	,9529	302	—,003	+0,06
2180	3	+55 18 36,41	8,864	+9,9930	+9,5608	,9477	,9527	316	+,007	—0,03
2181	3	+18 15 12,85	8,881	+9,8407	+9,1426	+0,9484	+9,9525	310	+,003	+0,02
2182	3	— 8 38 59,84	8,958	+9,4698	—8,8257	,9512	,9519	313	—,021	—0,03
2183	3	+19 54 45,56	8,969	+9,8531	+9,1834	,9528	,9515	320	+,013	—0,11
2184	3	+52 34 20,68	8,990	+9,9886	+9,5517	,9538	,9512	325	+,008	—0,06
2185	3	+69 50 46,92	9,151	+9,9930	+9,6321	,9615	,9492	343	+,041	—0,06
2186	3	+72 2 53,42	9,147	+9,9912	+9,6376	+0,9612	+9,9493	347	+,067	+0,21
2187	3	—35 42 54,67	9,198	—9,2201	—9,4278	,9637	,9486	330	—,006	—0,16
2188	4	—45 33 18,89	9,208	—9,5185	—9,5158	,9642	,9485	328	+,006	—0,17
2189	4	—35 8 8,28	9,208	—9,1931	—9,4221	,9642	,9485	333	+,011	—0,29
2190	3	+57 5 37,95	9,301	+9,9912	+9,5907	,9685	,9473	349	+,007	+0,07
2191	3	+34 38 54,44	9,276	+9,9350	+9,4203	+0,9673	+9,9477	344	+,017	—0,17
2192	3	+52 0 15,64	9,368	+9,9841	+9,5663	,9717	,9465	356	+,006	+0,05
2193	4	+38 1 3,59	9,389	+9,9469	+9,4603	,9726	,9462	354	+,012	—0,07
2194	3	—38 23 18,54	9,476	—9,3160	—9,4677	,9766	,9451	353	+,014	—0,10
2195	4	+17 9 53,15	9,476	+9,8293	+9,1447	,9766	,9451	362	+,011	+0,03
2196	4	+56 14 48,72	9,471	+9,9886	+9,5943	+0,9764	+9,9451	370	+,029	+0,07
2197	3	+58 24 24,36	9,471	+9,9903	+9,6048	,9764	,9451	371	+,015	—0,04
2198	3	— 0 38 59,76	9,518	+9,6274	—7,7201	,9785	,9445	365	—,006	—0,17
2199	3	+36 35 41,27	9,569	+9,9105	+9,4543	,9809	,9438	373	—,082	—0,11
2500	3	—15 52 7,62	9,600	+9,2480	—9,1171	,9823	,9434	372	+,006	+0,03
2501	3	+51 36 23,47	9,640	+9,9805	+9,5764	+0,9841	+9,9429	380	+,007	—0,02
2502	4	—33 27 32,43	9,639	—9,0828	—9,4244	,9850	,9426	374	+,016	—0,03
2503	4	+36 38 37,54	9,671	+9,9400	+9,4594	,9855	,9424	379	+,012	0,00
2504	3	—21 46 22,20	9,681	+8,8921	—9,2531	,9859	,9423	377	+,007	—0,16
2505	4	+57 21 35,08	9,692	+9,9872	+9,6098	,9864	,9422	391	+,006	—0,01
2506	4	+49 38 50,92	9,779	+9,9759	+9,5704	+0,9903	+9,9410	397	+,001	—0,13
2507	3	+37 21 12,87	9,789	+9,9420	+9,4719	,9907	,9408	395	+,018	—0,16
2508	3	—19 16 31,11	9,941	+9,0899	—9,2139	,9974	,9387	402	+,014	—0,14
2509	4	—15 29 56,13	9,981	+9,2718	—9,1236	,9992	,9381	404	+,006	—0,22
2510		+64 21	10,001	+9,9844	+9,6530	,0001	,9378	421		
2511	3	—44 8 27,06	10,032	—9,4639	—9,5421	+1,0014	+9,9374	405	—,002	—0,29
2512	4	—21 3 55,63	10,037	+8,9731	—9,2549	,0016	,9373	410	+,019	—0,09
2513	4	+16 10 33,87	10,037	+9,8182	+9,1448	,0016	,9373	414	+,013	+0,03
2514	4	+35 31 15,38	10,052	+9,9325	+9,4646	,0023	,9371	418	—,008	—0,58
2515	3	—36 30 32,13	10,067	—9,2175	—9,4750	,0029	,9369	411	+,048	—1,69
2516	4	+64 11 38,48	10,057	+9,9859	+9,6549	+1,0025	+9,9370	1	+,012	—0,04
2517	4	+64 10 7,80	10,062	+9,9859	+9,6550	,0027	,9369	3	+,009	—0,08
2518	4	+16 11 26,85	10,082	+9,8182	+9,1472	,0035	,9367	420	—,007	—0,03
2519	4	—19 51 27,35	10,107	+9,0607	—9,2332	,0046	,9363	417	+,011	—0,22
2520	3	—43 15 26,41	10,125	—9,4393	—9,5390	,0053	,9361	416	—,005	—0,17

No.	Star's Name and Mag.	No. Obs.	Right Ascension. Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
2521	Cygni	8	3 20 2 13,41	+2,185	+8,6312	—8,8593	+0,3394	+8,4156
2522	Sagittæ	7	2 2 36,28	2,640	,5602	,7865	,4216	+8,1031
2523	θ ———	6.7	2 2 39,95	2,640	,5604	,7865	,4216	+8,1037
2524	Antinous	7	2 2 50,18	3,080	,5328	,7580	,4885	—6,5528
2525	Cygni	7	3 3 54,48	2,152	,6434	,8644	,3328	+8,4392
2526	24 Cephei	6.7	2 4 7,79	—1,537	+9,1531	—9,3743	—0,1867	+9,1401
2527	235 Antinous	7.8	2 4 10,10	+3,060	8,5372	8,7564	+0,4857	+6,3627
2528	Draconis	7.8	2 4 36,01	0,800	,8845	9,1029	9,9031	+8,8354
2529	F Aquilæ	6	3 4 42,80	3,098	,5388	8,7561	0,4911	—6,9519
2530	Capricorni	7.8	3 5 10,13	3,476	,5665	8,7814	0,5411	—8,0939
2531	Capricorni	7	3 5 44,59	3,297	+8,5506	—8,7633	+0,5181	—7,8452
2532	Cephei	7.8	3 7 26,48	1,032	,8591	9,0656	0,0137	+8,8004
2533	o^1 Cygni	5	2 8 6,92	1,882	,7098	8,9129	0,2746	+8,5691
2534	b^3 ———	5.6	1 8 21,44	2,236	,6435	8,8455	0,3495	+8,4160
2535	269 Draconis	6.7	3 8 52,29	0,978	,8737	9,0740	9,9903	+8,8180
2536	Vulpeculæ	6	3 9 36,28	2,486	+8,6047	—8,8014	+0,3955	+8,2660
2537	Cygni	7	5 10 18,88	2,233	,6507	,8446	,3489	+8,4258
2538	Capricorni	7	3 10 55,22	3,480	,5850	,7759	,5416	—8,1219
2539	I' Sagittarii	6	3 11 13,78	4,098	,6914	,8808	,6126	—8,5215
2540	Vulpeculæ	7	3 11 20,17	2,637	,5886	,7780	,4211	+8,1436
2541	168 Cygni	5.6	3 11 42,41	2,207	+8,6604	—8 8484	+0,3438	+8,4451
2542	271 Draconis	7	3 12 10,67	0,745	,9231	9,1095	9,8722	+8,8778
2543	p Cygni	6	1 12 17,77	2,240	,6562	8,8417	0,3502	+8,4306
2544	m ———	5.6	3 12 18,90	2,299	,6453	8,8308	0,3615	+8,3982
2545	I² Sagittarii	6	3 12 39,04	4,107	,6983	8,8817	0,6135	—8,5316
2546	Cephei	7.8	13	—1,905	+9,2236	—9,4053	—0,2799	+9,2130
2547	21 Capricorni	7	3 14 12,47	+3,361	8,5817	8,7590	+ ,5265	—7,9881
2548	Cephei	7.8	1 14 36,11	1,008	,8909	9,0674	,0035	+8,8353
2549	22 Capricorni	8	3 15 1,31	3,358	,5837	8,7577	,5261	—7,9857
2550	26 ———	7	3 15 32,53	3,470	,5978	8,7696	,5403	—8,1308
2551	25 Capricorni	7	3 16 3,07	3,308	+8,5824	—8,7520	+0,5196	—7,9079
2552	Sagittarii	7	3 16 10,63	3,930	,6758	8,8449	,5944	—8,4643
2553	273 Draconis	6.7	3 16 50,70	1,012	,8989	9,0661	,0052	+8,8438
2554	z Sagittarii	6	3 18 10,45	3,871	,6710	8,8322	,5878	—8,4414
2555	34 Capricorni	7	3 19 34,96	3,412	,6049	8,7602	,5330	—8,1041
2556	268 Aquilæ	6	3 19 46,34	3,142	+8,5817	—8,7392	+0,4972	—7,4124
2557	276 Draconis	7	2 20 41,34	1,036	8,9095	9,0611	,0154	+8,8544
2558	Cephei	7	2 21 13,83	—1,860	9,2506	9,4011	— ,2695	+9,2402
2559	197 Cygni	6.7	3 21 27,47	+2,220	8,6900	8,8380	+ ,3463	+8,4785
2560	ω^1 ———	7	2 21 59,73	1,824	8,7700	8,9162	,2610	+8,6468
2561	Capricorni	7.8	2 22 28,99	3,583	+8,6341	—8,7777	+0,5542	—8,2665
2562	375 Sagittarii	6	3 22 33,08	4,155	,7412	,8842	,6186	—8,5911
2563	202 Cygni	6	1 23 3,08	2,283	,6826	,8245	,3585	+8,4510
2564	41 Capricorni	7	2 23 10,27	3,402	,6115	,7523	,5317	—8,0811
2565	15 Delphini	7	2 23 19,10	2,863	,5995	,7401	,4568	+7,8689

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s.*	″
2521	4	+37 29 27,15	+10,202	+9,9385	+9,4912	+1,0087	+9,9349	9	+,025	—0,02
2522	1	+20 24 55,05	10,230	+9,8494	+9,2510	,0100	,9344	13	+,007	—0,10
2523	3	+20 25 43,26	10,238	+9,8494	+9,2515	,0102	,9344	14	+,020	—0,05
2524	1	— 0 37 25,62	10,253	+9,6284	—7,7289	,0109	,9341	11	+,044	—0,15
2525	3	+38 39 13,24	10,328	+9,9415	+9,5078	,0140	,9330	28	—,008	—0,23
2526	3	+76 1 8,08	10,323	+9,9708	+9,6988	+1,0138	+9,9331	47	+,067	—0,07
2527	4	+ 0 22 44,22	10,358	+9,6434	+7,5388	,0153	,9325	26	+,003	—0,12
2528	3	+63 13 40,32	10,373	+9,9818	+9,6648	,0159	,9323	42	—,140	—0,02
2529	4	— 1 29 53,24	10,393	+9,6149	—8,1278	,0167	,9320	31	+,014	—0,11
2530	3	—19 42 7,20	10,433	+9,0828	—9,2438	,0184	,9314	33	+,005	—0,18
2531	4	—11 23 5,19	10,472	+9,4116	—9,0127	+1,0201	+9,9308	40	—,001	—0,09
2532	3	+60 51 18,64	10,582	+9,9791	+9,6638	,0246	,9291	56	+,006	+0,13
2533	4	+46 19 15,21	10,641	+9,9605	+9,5844	,0270	,9281	59	+,011	+0,11
2534	3	+36 18 16,18	10,661	+9,9294	+9,4983	,0278	,9278	60	+,015	0,00
2535	3	+61 34 52,66	10,691	+9,9777	+9,6713	,0290	,9273	71	+,047	+0,20
2536	4	+27 16 21,36	10,779	+9,8882	+9,3909	+1,0316	+9,9263	69	+,015	+0,01
2537	4	+36 33 7,12	10,804	+9,9294	+9,5067	,0336	,9255	77	+,014	0,00
2538	3	—20 9 26,63	10,858	+9,0712	—9,2706	,0357	,9246	76	+,011	—0,15
2539		—42 33	10,882	—9,3944	—9,5648	,0367	,9242	75	+,005	
2540	3	+21 0 37,77	10,882	+9,8488	+9,2897	,0367	,9242	85	,000	+0,09
2541	3	+37 31 26,20	10,907	+9,9320	+9,5205	+1,0377	+9,9238	89	+,007	—0,07
2542	4	+64 15 30,10	10,936	+9,9745	+9,6915	,0389	,9233	99	+,003	+0,01
2543	3	+36 29 14,15	10,951	+9,9279	+9,5179	,0394	,9230	93	+,004	—0,03
2544	4	+34 28 13,39	10,951	+9,9201	+9,4904	,0394	,9230	92	+,007	—0,12
2545	4	—42 56 39,17	10,989	—9,3997	—9,5722	,0410	,9223	87	+,007	—0,06
2546	3	+77 19 47,43	11,019	+9,9590	+9,7295	+1,0421	+9,9219	119		—0,01
2547	1	—14 46 49,51	11,097	+9,3181	—9,1496	,0452	,9205	102	+,008	—0,15
2548	4	+61 37 30,40	11,112	+9,9722	+9,6882	,0458	,9203	112	+,014	+0,13
2549	4	—14 38 21,85	11,155	+9,3243	—9,1475	,0475	,9195	107	+,018	—0,20
2550	3	—19 57 48,53	11,194	+9,0969	—9,2800	,0490	,9188	109	+,005	—0,20
2551	4	—12 14 1,00	11,232	+9,3960	—9,0740	+1,0505	+9,9181	114	+,023	—0,09
2552	4	—37 55 46,27	11,242	—9,2211	—9,5374	,0508	,9180	111	—,023	—0,19
2553	3	+61 44 9,41	11,276	+9,9699	+9,6951	,0521	,9174	135	+,070	+0,15
2554	4	—36 7 59,84	11,386	—9,1271	—9,5248	,0564	,9154	133	+,002	—0,10
2555	4	—18 24 37,23	11,487	+9,1875	—9,2574	,0602	,9135	144	+,019	—0,14
2556	4	— 3 53 47,72	11,448	+9,5763	—8,5875	+1,0587	+9,9143	147	+,014	—0,05
2557	4	+61 43 58,44	11,554	+9,9661	+9,7057	,0627	,9123	162	—,001	+0,19
2558	3	+77 30 7,61	11,573	+9,9499	+9,7511	,0634	,9119	182	+,094	+0,10
2559	4	+37 54 3,90	11,616	+9,9258	+9,5516	,0650	,9111	164	+,006	—0,22
2560	4	+48 50 21,15	11,647	+9,9533	+9,6411	,0662	,9105	169	+,014	+0,11
2561	4	—25 25 19,48	11,696	+8,6434	—9,3985	+1,0680	+9,9096	165	+,008	—0,11
2562	3	—45 4 8,94	11,705	—9,4281	—9,6163	,0684	,9094	163	—,010	—0,18
2563	4	+35 54 29,10	11,724	+9,9175	+9,5355	,0691	,9090	179	+,024	—0,01
2564	3	—17 9 42,55	11,743	+9,2455	—9,2375	,0698	,9087	172	—,003	—0,08
2565	4	+10 42 33,97	11,740	+9,7612	+9,0374	,0700	,9086	177	—,005	—0,08

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Anuual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
2566	271 Aquilæ 7	3	20 23 21,25	+3,178	+8,5943	—8,7346	+0,5021	—7,5976
2567	Cygni 7.8		23	1,836	,7737	,9127	0,2639	+8,6497
2568	Capricorni 7.8	2	23 51,98	3,521	,6287	,7669	0,5467	—8,2164
2569	378 Sagittarii 7	2	24 9,91	3,931	,7016	,8385	0,5945	—8,4970
2570	16 Delphini 7	3	24 18,17	2,749	,6127	,7493	0,4392	+8,0647
2571	204 Cygni 7.8	3	24 43,65	2,273	+8,6896	—8,8249	+0,3566	+8,4630
2572	17 Delphini 7	3	25 8,56	2,755	,6142	,7477	0,4401	+8,0637
2573	48 Capricorni 7.8	3	26 53,18	3,482	,6314	,7577	0,5418	—8,1884
2574	*l* Cygni 6	3	27 29,41	2,328	,6876	,8118	0,3670	+8,4429
2575	λ Urs. Min.		28	-49,846	0,2869	0,4217	—1,6976	+0,2868
2576	53 Capricorni 7.8	3	28 27,89	+3,407	+8,6262	—8,7462	+0,5324	—8,1083
2577	Capricorni 7	3	28 50,55	3,488	,6377	,7561	0,5426	—8,2027
2578	99 Vulpeculæ 7	3	29 4,51	2,565	,6504	,7683	0,4091	+8,2818
2579	Microscopii 7	3	29 50,17	4,054	,7444	,8586	0,6079	—8,5777
2580	——— 7	3	30 20,33	4,044	,7438	,8562	0,6068	—8,5751
2581	Cygni 7	2	30 33,25	1,813	+8,8007	—8,9131	+0,2584	+8,6841
2582	282 Aquilæ 7	3	30 38,09	3,123	8,6111	8,7225	+0,4946	—7,3250
2583	F Cephei 6.7	2	30 39,51	—0,184	9,1196	9,2320	—9,2648	+9,0978
2584	221 Cygni 7	2	30 49,46	+2,433	8,6778	8,7889	+0,3861	+8,3897
2585	——— 7	2	30 50,54	2,436	8,6774	8,7882	+0,3867	+8,3877
2586	Capricorni 7	3	31 57,61	3,408	+8,6355	—8,7417	+0,5325	—8,1240
2587	Cygni 7	3	32 58,65	1,923	8,7864	8,8892	+0,2840	+8,6542
2588	*r* Cephei 6.7	1	33 35,50	—0,684	9,1873	9,2885	—9,8351	+9,1710
2589	Delphini 7	3	33 51,26	+2,822	8,6299	8,7291	+0,4506	+7,9901
2590	Microscopii 7.8	3	34 10,71	3,838	8,7134	8,8110	+0,5841	—8,4868
2591	228 Cygni 6	2	34 22,12	2,422	+8,6897	—8,7870	+0,3842	+8,4109
2592	Delphini 7	1	34 23,94	2,750	8,6388	8,7358	+0,4393	+8,1035
2593	Cephei 7.8	1	34 33,48	0,948	8,9747	9,0715	+9,9768	+8,9276
2594	π Microscopii 6	2	35 33,71	3,933	8,7367	8,8289	+0,5917	—8,5427
2595	——— 7	2	35 47,00	3,837	8,7179	8,8093	+0,5840	—8,4927
2596	59 Cephei 7.8	2	36 55,40	—3,388	+9,4245	—9,5135	—0,5299	+9,4189
2597	234 Cygni 6	2	37 7,55	+1,846	8,8156	8,9023	+0,2662	+8,6983
2598	ι Microscopii 6	3	37 16,34	4,085	8,7738	8,8592	+0,6112	—8,6199
2599	Dephini 7.8	3	37 16,96	2,972	8,6282	8,7139	+0,4730	+7,5951
2600	55 Cephei 7.8	3	38 10,69	1,493	8,8898	8,9727	+0,1741	+8,8125
2601	279 Draconis 6	2	38 15,25	—3,345	+9,4267	—9,5106	—0,5244	+9,4212
2602	Antinous 7.8	2	38 31,73	+3,170	8,6314	8,7122	+0,5011	—7,6259
2603	61 Cephei 6.7		38	—3,109	9,4101	9,4948	—0,4926	+9,4041
2604	*k* Cygni 6	2	38 51,36	+2,472	8,6929	8,7727	+0,3930	+8,3936
2605	Delphini 6.7	2	38 59,56	2,782	8,6463	8,7256	+0,4444	+8,0746
2606	——— 8	2	39 57,85	2,781	+8,6488	—8,7243	+0,4442	+8,0798
2607	78 Capricorni 7.8	3	40 11,18	3,610	8,6869	8,7613	+0,5575	—8,3578
2608	Cygni 7	2	40 37,55	1,848	8,8265	8,8996	+0,2667	+8,7112
2609	60 Cephei 6	1	41 5,73	0,771	9,0263	9,0982	+9,8870	+8,9873
2610	β Microscopii 6.7	3	41 42,72	3,747	8,7167	8,7852	+0,5737	—8,4616

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P.M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						s	″
2566	3	— 5 47 43,68	+11,753	+9,5141	—8,7715	+1,0701	+9,9085	176	+,012	—0,10
2567	4	+48 43 6,36	11,776	+9,9513	+9,6450	,0710	,9080	186		—0,01
2568	3	—22 47 1,36	11,791	+8,9395	—9,3573	,0715	,9078	180	—,016	—0,07
2569	5	—38 38 50,70	11,814	—9,2175	—9,5658	,0724	,9073	181	+,008	—0,03
2570	3	+16 26 25,33	11,819	+9,8096	+9,2227	,0726	,9072	185	+,017	—0,01
2571	2	+36 23 4,98	11,842	+9,9180	+9,5448	+1,0734	+9,9068	188	+,030	+0,05
2572	4	+16 12 44,64	11,875	+9,8069	+9,2191	,0746	,9061	189	+,004	—0,03
2573	4	—21 8 57,99	12,002	+9,0645	—9,3342	,0792	,9036	200	+,012	—0,05
2574	3	+34 41 19,40	12,039	+9,9096	+9,5339	,0806	,9028	210	+,011	—0,16
2575	3	+88 49	11,852	+9,9112	+9,7717	,0738	,9066	424		
2576	4	—17 41 25,53	12,114	+9,2330	—9,2634	+1,0833	+9,9013	213	+,020	+0,02
2577	3	—21 33 44,52	12,141	+9,0492	—9,3473	,0843	,9007	215	+,009	—0,13
2578	3	+25 18 48,91	12,151	+9,8645	+9,4139	,0846	,9005	220	+,022	—0,11
2579	4	—42 58 21,97	12,215	—9,3463	—9,6183	,0869	,8992	219	—,004	—0,01
2580	4	—42 42 36,02	12,248	—9,3385	—9,6174	,0881	,8985	223	—,009	—0,21
2581	4	+49 51 12,89	12,246	+9,9469	+9,6695	+1,0881	+9,8985	244	+,026	—0,10
2582	3	— 2 59 15,27	12,262	+9,5933	—8,5006	,0885	,8982	234	+,005	+0,07
2583	4	+71 58 16,20	12,248	+9,9479	+9,7642	,0881	,8985	257	+,005	—0,05
2584	4	+31 0 2,03	12,271	+9,8915	+9,4990	,0889	,8980	241	+,018	—0,07
2585	3	+30 57 5,71	12,276	+9,8910	+9,4974	,0890	,8979	243	—,002	+0,01
2586	3	—17 57 26,58	12,358	+9,2330	—9,2784	+1,0920	+9,8961	250	+,003	+0,03
2587	3	+47 29 31,28	12,418	+9,9405	+9,6598	,0940	,8948	263	+,026	+0,08
2588	1	+74 23 16,14	12,445	+9,9405	+9,7767	,0950	,8942	279	+,011	+0,03
2589	3	+13 13 31,84	12,482	+9,7789	+9,1545	,0963	,8934	270	—,004	—0,04
2590	4	—36 24 59,87	12,509	—9,0569	—9,5686	,0972	,8928	267	+,013	—0,09
2591	3	+31 43 29,59	12,514	+9,8921	+9,5166	+1,0974	+9,8927	273	+,016	0,00
2592	4	+16 56 8,24	12,525	+9,8082	+9,2603	,0977	,8926	272	+,021	+0,08
2593	3	+63 46 57,24	12,523	+9,9499	+9,7486	,0977	,8925	280	+,001	+0,03
2594	4	—39 47 33,30	12,605	—9,2122	—9,6045	,1005	,8907	274	+,012	—0,21
2595	2	—36 42 41,04	12,618	—9,0659	—9,5754	,1010	,8904	276	+,011	—0,20
2596	2	+80 52 6,95	12,659	+9,9206	+9,7949	+1,1024	+9,8895	316	+,065	+0,13
2597	4	+49 44 57,46	12,700	+9,9395	+9,6846	,1038	,8885	293	+,018	—0,12
2598	4	—44 34 59,89	12,722	—9,3674	—9,6488	,1046	,8880	289	+,009	—0,31
2599	3	+ 5 17 24,61	12,718	+9,7024	+8,7693	,1044	,8881	291	+,027	—0,26
2600	4	+56 47 39,33	12,767	+9,9455	+9,7268	,1061	,8870	302	+,008	—0,02
2601	3	+80 51 9,96	12,749	+9,9196	+9,7980	+1,1055	+9,8874	331	+,064	—0,14
2602	2	— 5 40 56,96	12,803	+9,5514	—8,7998	,1073	,8862	297	+,009	—0,12
2603	3	+80 30 28,36	12,736	+9,9201	+9,7971	,1050	,8877	333		+0,20
2604	4	+30 7 12,34	12,821	+9,8814	+9,5067	,1079	,8857	306	+,014	—0,13
2605	3	+15 32 1,14	12,830	+9,7952	+9,2345	,1082	,8855	303	—,005	—0,35
2606	4	+15 38 16,00	12,897	+9,7952	+9,2395	+1,1105	+9,8839	314	+,025	—0,17
2607	3	—27 58 18,46	12,915	+8,3979	—9,4800	,1111	,8835	312	+,004	—0,05
2608	3	+50 4 17,60	12,937	+9,9365	+9,6946	,1118	,8830	321	+,004	—0,17
2609	3	+66 3 32,99	12,959	+9,9410	+9,7716	,1126	,8824	335	+,003	+0,11
2610	4	—33 47 18,35	13,017	—8,7924	—9,5575	,1145	,8810	320	+,010	+0,02

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
2611	ψ Delphini	7	3 20 41 43,08	+2,938	+8,6398	—8,7086	+0,4680	+7,7419
2612	ϕ ———	6.7	2 41 45,98	2,853	,6460	,7145	,4553	+7,9621
2613	λ Microscopii	1	2 42 54,59	3,929	,7571	,8213	,5943	—8,5691
2614	248 Cygni	6	3 43 19,18	2,039	,7940	,8569	,3094	+8,6473
2615	87 Capricorni	7	3 43 24,54	3,316	,6528	,7150	,5206	—8,0304
2616	14 Aquarii	7	3 43 25,06	3,176	+8,6426	—8,7047	+0,5019	—7,6690
2617	65 Cephei	7	1 43 30,83	0,407	9,0876	9,1523	9,6096	+9,0583
2618	250 Cygni	5.6	3 44 13,38	2,114	8,7808	8,8401	0,3251	+8,6182
2619	Equulei	7	3 45 51,16	3,010	8,6461	8,6990	0,4786	+7,4127
2620	70 Cephei	7	2 47 16,94	0,465	9,0950	9,1431	9,6674	+9,0653
2621	υ Equulei	6.7	3 47 24,96	3,011	+8,6494	—8,6963	+0,4787	+7,4052
2622	Vulpeculæ	7	47	2,552	,7018	,7466	,4069	+8,3660
2623	Cygni	7	3 48 35,60	1,710	,8807	,9235	,2330	+8,7881
2624	Microscopii	7.8	3 49 55,83	3,753	,7398	,7770	,5744	—8,4968
2625	Cygni	7	3 50 7,50	2,125	,7955	,8324	,3274	+8,6354
2626	Cygni	6.7	2 51 1,65	1,880	+8,8522	—8,8856	+0,2742	+8,7394
2627	γ Microscopii	5.6	2 51 9,45	3,701	,7324	,7648	,5683	—8,4672
2628	———	7	4 51 25,08	3,811	,7559	,7873	,5810	—8,5374
2629	Vulpeculæ	7.8	51	2,678	,6894	,7203	,4278	+8,2580
2630	31 Aquarii	7	2 51 49,77	3,172	,6603	,6904	,5013	—7,6867
2631	ζ Microscopii	6,7	2 52 23,48	3,864	+8,7702	—8,7978	+0,5870	—8,5714
2632	35 Aquarii	7	3 52 59,45	3,280	,6704	,6959	,5159	—7,9994
2633	$\varkappa$ Cygni	6	2 53 12,86	1,916	,8510	,8762	,2824	+8,7343
2634	Capricorni	6	1 54 2,65	3,384	,6844	,7059	,5294	—8,1767
2635	f^1 Cygni	6	2 54 12,81	2,034	,8279	,8492	,3083	+8,6913
2636	Cygni	7 8	2 54 36,75	1,993	+8,8382	—8,8579	+0,2995	+8,7096
2637	Microscopii	6.7	2 54 37,42	4,053	,8186	,8378	,6078	—8,6724
2638	———	6.7	55	3,693	,7408	,7583	,5674	—8,4767
2639	284 Cygni	6	2 55 25,53	2,087	,8195	,8362	,3195	+8,6730
2640	Capricorni	7	3 55 35,49	3,377	,6867	,7024	,5285	—8,1720
2641	η Microscopii	6	2 55 39,94	3,934	+8,7947	—8,8099	+0,5948	—8,6204
2642	δ ———	7.8	2 56 2,77	3,639	,7321	,7460	,5610	—8,4408
2643	Vulpeculæ	7	2 56 11,26	2,653	,7036	,7173	,4237	+8,3019
2644	ϵ Microscopii	6,7	5 56 18,59	3,690	,7432	,7561	,5670	—8,4791
2645	290 Cygni	7	3 57 41,66	2,239	,7915	,7996	,3500	+8,6085
2646	Microscopii	7	3 59 7,18	3,596	+8,7309	—8,7332	+0,5558	—8,4181
2647	292 Cygni	6	2 59 30,78	2,330	,7754	,7775	,3674	+8,5641
2648	———	5.6	2 59 32,29	2,330	,7754	,7775	,3674	+8,5641
2649	Vulpeculæ	7.8	59	2,668	,7089	,7095	,4262	+8,2999
2650	———	7.8	3 59 40,98	2,668	,7089	,7095	,4262	+8,2999
2651	χ^1 Capricorni	7.8	2 59 51,36	3,427	+8,7030	—8,7025	+0,5350	—8,2540
2652	Cygni	7	2 21 0 4,77	2,050	,8415	,8405	,3117	+8,7068
2653	297 ———	7	3 1 39,26	2,532	,7375	,7304	,4035	+8,4307
2654	ξ Microscopii	6	3 2 28,06	3,856	,7931	,7860	,5861	—8,6017
2655	16 Equulei	7	2 2 30,27	2,913	,6844	,6740	,4643	+7,8974

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s.*	″
2611	4	+ 7 15 21,94	+13,013	+9,7210	+8,9144	+1,1144	+9,8812	329	+,020	0,00
2612	3	+11 55 13,29	13,017	+9,7642	+9,1286	,1145	,8810	330	+,012	—1,27
2613	4	—40 25 17,98	13,097	—9,2041	—9,6268	,1172	,8791	334	+,016	—0,25
2614	4	+45 30 18,46	13,115	+9,9258	+9,6690	,1177	,8787	350	+,011	+0,01
2615	4	—13 49 1,65	13,128	+9,3820	—9,1937	,1182	,8783	341	+,010	0,00
2616	3	— 6 7 15,51	13,128	+9,5453	—8,8426	+1,1182	+9,8783	342	+,005	—0,13
2617	3	+69 9 3,46	13,083	+9,9355	+9,7854	,1167	,8794	359	+,011	+0,10
2618	3	+43 26 30,04	13,176	+9,9206	+9,6552	,1198	,8771	357	+,017	+0,13
2619	3	+ 3 20 5,06	13,286	+9,6785	+8,5881	,1234	,8743	366	+,014	—0,16
2620	4	+69 2 34,13	13,368	+9,9299	+9,7944	,1261	,8722	389	+,019	+0,13
2621	3	+ 3 54 26,78	13,390	+9,6767	+8,5806	+1,1268	+9,8716	376	+,011	—0,05
2622	3	+27 28 7,02	13,425	+9,8621	+9,4901	,1279	,8707	387		—0,24
2623	3	+53 53 13,39	13,459	+9,9320	+9,7345	,1290	,8698	391	+,021	+0,23
2624	4	—34 52 14,82	13,554	—8,8129	—9,5871	,1321	,8673	392	+,004	—0,22
2625	1	+43 44 39,47	13,558	+9,9149	+9,6702	,1322	,8672	401	+,012	+0,03
2626	4	+50 26 32,28	13,618	+9,9253	+9,7193	+1,1341	+9,8655	412	+,036	—0,14
2627	4	—32 53 46,86	13,635	—8,5315	—9,5674	,1347	,8651	403	+,018	—0,01
2628	3	—37 12 51,89	13,652	—8,9868	—9,6117	,1352	,8646	405	+,012	—0,12
2629	4	+21 42 52,06	13,661	+9,8287	+9,4020	,1355	,8644	417		+0,07
2630	3	— 6 6 56,53	13,674	+9,5478	—8,8603	,1359	,8641	413	+,021	—0,09
2631	3	—39 16 8,65	13,716	—9,0969	—9,6365	+1,1372	+9,8628	418	—,010	—0,16
2632	4	—12 20 13,73	13,750	+9,4297	—9,1654	,1383	,8619	423	+,001	—0,04
2633	3	+49 49 20,50	13,755	+9,9222	+9,7198	,1384	,8618	429	+,002	—0,16
2634	2	—18 6 50,62	13,818	+9,2695	—9,3308	,1404	,8600	428	—,006	—0,05
2635	4	+46 52 48,14	13,822	+9,9164	+9,7020	,1406	,8598	437	,000	+0,03
2636	4	+48 2 15,03	13,847	+9,9180	+9,7108	+1,1414	+9,8591	440	+,008	+0,05
2637	3	—45 35 55,68	13,856	—9,3263	—9,6935	,1416	,8589	430	+,023	—0,17
2638	3	—32 59 41,18	13,885	—8,4472	—9,5765	,1426	,8580	435		0,00
2639	4	+45 30 37,02	13,898	+9,9127	+9,6945	,1429	,8577	446	+,006	—0,03
2640	4	—17 48 46,06	13,935	+9,2856	—9,3268	,1435	,8572	443	+,009	+0,07
2641	3	—42 2 17,96	13,923	—9,2014	—9,6674	+1,1437	+9,8569	439	—,011	—0,13
2642	3	—30 46 29,00	13,944	+7,7781	—9,5511	,1444	,8563	444	+,011	—0,16
2643	3	+23 20 53,44	13,948	+9,8344	+9,4409	,1445	,8562	450	+,003	—0,04
2644	5	—32 59 40,11	13,961	—8,4314	—9,5789	,1449	,8558	445	+,003	+0,03
2645	4	+40 58 45,52	14,040	+9,9009	+9,6623	,1474	,8535	465	+,010	—0,02
2646	3	—29 7 55,93	14,135	+8,5315	—9,5355	+1,1503	+9,8506	468	+,032	—0,19
2647	6	+37 56 30,05	14,140	+9,8910	+9,6372	,1504	,8505	475	+,368	+3,12
2648	6	+37 56 30,05	14,140	+9,8910	+9,6372	,1504	,8505	476	+,369	+2,93
2649		+22 55	14,164	+9,8299	+9,4402	,1512	,8497	——		
2650	2	+22 55 23,92	14,164	+9,8299	+9,4402	,1512	,8497	479	+,093	+0,03
2651	4	—20 51 19,71	14,181	+9,1884	—9,4008	+1,1517	+9,8492	474	+,023	—0,04
2652	3	+47 8 43,90	14,189	+9,9101	+9,7153	,1520	,8490	486	+,005	—0,10
2653	5	+29 32 30,43	14,288	+9,8591	+9,5462	,1550	,8459	1	+,008	—0,16
2654	3	—40 5 16,38	14,288	—9,0755	—9,6617	,1550	,8459	2	+,013	+0,03
2655	3	+ 9 22 45,15	14,341	+9,7340	+9,0676	,1566	,8442	10	+0,05	—0,19

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
2656	49 Aquarii	7	3	21 2 34,15	+3,320	+8,6940	—8,6832	+0,5211	—8,1103
2657	Cygni	7	3	3 12,60	2,083	,8429	,8300	,3187	+8,7043
2658	17 Equulei	7	3	4 24,72	3,036	,6823	,6646	,4823	+7,2215
2659	113 Capricorni	7 8	3	4 32,38	3,458	,7178	,6997	,5388	—8,3073
2660	34 Microscopii	7	3	4 37,05	3,876	,8059	,7872	,5884	—8,6242
2661	302 Cygni	7	2	4 46,02	2,554	+8,7410	—8,7223	+0,4072	+8,4275
2662	———	7	1	5 4,54	2,279	,8023	,7823	,3577	+8,6152
2663	Z Pegasi	6.7	3	5 43,25	2,816	,7001	,6776	,4496	+8,1224
2664	Aquarii	7.8		6	3,193	,6892	,6649	,5042	—7,8190
2665	τ Cygni	6	2	6 49,27	2,403	,7782	,7517	,3807	+8,5473
2666	54 Aquarii	7	3	7 26,20	3,227	+8,6939	—8,6649	+0,5088	—7,9286
2667	———	7	2	7 38,11	3,226	8,6942	8,6644	,5087	—7,9259
2668	Cygni	7	1	7 59,27	2,291	8,8072	8,7761	,3600	+8,6196
2669	ω Cephei	6	3	8 37,55	—1,025	9,3532	9,3206	— ,0107	+9,3427
2670	127 Vulpeculæ	7	1	9 1,96	+2,632	8,7353	8,7004	+ ,4203	+8,3722
2671	118 Capricorni	6.7	2	9 4,27	3,416	+8,7202	—8,6848	+0,5335	—8,2746
2672	s^1 Aquarii	7	2	9 31,23	3,150	8,6930	8,6558	,4983	—7,6489
2673	θ^1 Microscopii	7	3	10 10,93	3,864	8,8178	8,7781	,5870	—8,6389
2674	26 Equulei	6.7	3	10 52,61	2,901	8,7009	8,6586	,4625	+7,9629
2675	Cephei	7	3	11 25,46	1,224	9,0536	9,0099	,0878	+9,0076
2676	121 Capricorni	7	2	11 40,06	3,420	+8,7262	—8,6809	+0,5340	—8,2903
2677	Cephei	7	3	11 56,94	0,694	9,1480	9,1024	9,8414	+9,1192
2678	θ^2 Microscopii	6	3	13 52,19	3,856	8,8255	8,7715	0,5861	—8,6483
2679	123 Capricorni	6.7	3	14 40,80	3,450	8,7373	8,6805	,5378	—8,3368
2680	66 Aquarii	6.7	3	16 15,67	3,131	9,7037	8,6408	,4957	—7,5562
2681	κ Microscopii	5.6	3	16 25,12	3,889	+8,8404	—8,7768	+0,5898	—8,6761
2682	Capricorni	7.8	3	16 59,84	3,414	8,7356	,6699	,5333	—8,3032
2683	Aquarii	7.8	3	17 27,03	3,265	8,7154	,6479	,5139	—8,0597
2684	Cephei	7	3	18 7,59	1,316	9,0587	,9891	,1193	+9,0111
2685	Aquarii	7	2	18 41,92	3,257	8,7166	,6445	,5128	—8,0468
2686	Cephei	7	3	18 53,58	1,334	+9,0575	—8,9852	+0,1252	+9,0095
2687	339 Cygni	6.7	3	19 2,83	2,442	8,7989	,7256	,3877	+8,5680
2688	Cephei	7		19	1,728	8,9738	,9004	,2375	+8,8986
2689	c Piscis. Aust.	7	3	19 11,36	3,604	8,7786	,7045	,5568	—8,5020
2690	72 Aquarii	7.8	3	19 17,53	3,255	8,7174	,6430	,5125	—8,0441
2691	$\varkappa$ Vulpeculæ	6	3	20 24,38	2,633	+8,7589	—8,6804	+0,4204	+8,4147
2692	343 Cygni	6	3	20 38,05	2,437	8,8038	,7245	,3869	+8,5773
2693	———	7.8	2	21 27,13	2,195	8,8667	,7844	,3414	+8,7216
2694	45 Microscopii	5	3	21 37,40	3,830	8,8393	,7557	,5832	—8,6639
2695	Cygni	7	3	21 51,58	2,192	8,8685	,7846	,3408	+8,7245
2696	129 Capricorni	7.8	2	22 9,12	3,376	+8,7388	—8,6533	+0,5284	—8,2714
2697	e Piscis. Aust	7	3	22 14,83	3,654	8,7969	,7110	,5628	—8,5517
2698	108 Cephei	6.7	3	22 52,20	1,658	9,0017	,9139	,2196	+8,9350
2699	———	7.8	2	22 11,69	0,776	9,1747	9,0859	9,8899	+9,1471
2700	131 Capricorni	6.7	2	24 33,12	3,322	8,7348	8,6401	0,5214	—8,1983

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						*s.*	″
2656	4	−15 8 34,81	+14,349	+9,3747	−9,2711	+1,1568	+9,8140	7	+,010	−0,14
2657	1	+46 36 18,64	14,381	+9,9053	+9,7172	,1578	,8429	15	+,003	+0,10
2658	3	+ 1 58 13,45	14,458	+9,6609	+8,3973	,1601	,8405	21	+,003	−0,04
2659	4	−22 53 11,40	14,466	+9,1173	−9,4479	,1604	,8402	18	+,006	+0,01
2660	3	−41 11 0,06	14,474	−9,1072	−9,6770	,1606	,8399	17	+,018	−0,07
2661	4	+29 2 19,45	14,474	+9,8543	+9,5451	+1,1606	+9,8399	26	+,003	−0,13
2662	3	+40 30 46,67	14,495	+9,8915	+9,6721	,1612	,8393	30	−,008	+0,03
2663	5	+15 18 23,31	14,535	+9,7789	+9,2828	,1624	,8379	31	+,013	−0,15
2664		− 7 45	14,563	+9,5276	−8,9911	,1632	,8370	34		
2665	4	+35 57 21,45	14,599	+9,8774	+9,6314	,1643	,8358	43	+,013	+0,01
2666	4	− 9 53 52,98	14,639	+9,4928	−9,0982	+1,1655	+9,8345	44	+,011	−0,17
2667	3	− 9 50 31,45	14,651	+9,4941	−9,0956	,1659	,8340	45	+,014	−0,22
2668	3	+40 27 52,26	14,671	+9,8876	+9,6769	,1665	,8334	50	+,018	−0,04
2669	2	+77 27 22,87	14,694	+9,8797	+9,8547	,1672	,8326	72	+,042	+0,15
2670	3	+25 39 55,11	14,730	+9,8357	+9,5031	,1682	,8313	58	+,014	−0,12
2671	4	−21 1 18,31	14,738	+9,2095	−9,4208	+1,1684	+9,8311	57	+,005	−0,07
2672	4	− 5 12 32,75	14,765	+9,5694	−8,8232	,1693	,8301	60	+,003	−0,23
2673	3	−41 30 3,69	14,805	−9,0864	−9,6896	,1704	,8287	64	+,018	−0,02
2674	4	+10 30 42,99	14,844	+9,7404	+9,1316	,1716	,8273	71	+,005	−0,09
2675	3	+64 3 53,42	14,868	+9,8993	+9,8212	,1723	,8265	83	+,010	−0,02
2676	3	−21 30 43,57	14,891	+9,2014	−9,4350	+1,1729	+9,8257	75	+,015	−0,06
2677	3	+69 20 32,00	14,895	+9,8915	+9,8423	,1730	,8255	88	+,019	−0,09
2678	4	−41 42 29,33	15,023	−9,0645	−9,6976	,1768	,8208	89	+,010	−0,11
2679	4	−23 26 53,25	15,065	+9,1335	−9,4755	,1780	,8193	97	+,006	+0,05
2680	4	− 4 6 3,72	15,157	+9,5866	−8,7312	,1806	,8158	109	+,003	−0,12
2681	4	−43 15 21,87	15,169	−9,1206	−9,7146	+1,1809	+9,8153	107	+,018	−0,01
2682	4	−21 42 24,09	15,199	+9,2095	−9,1474	,1818	,8142	115	+,010	−0,07
2683	4	−12 47 37,05	15,226	+9,4456	−9,2250	,1826	,8131	119	+,009	−0,16
2684	3	+63 39 35,68	15,256	+9,8876	+9,8310	,1835	,8120	133	+,016	−0,01
2685	4	−12 22 31,56	15,294	+9,4564	−9,2127	,1845	,8105	126	+,013	−0,10
2686	3	+63 31 10,24	15,297	+9,8875	+9,8346	+1,1846	+9,8103	142	+,009	−0,14
2687	3	+35 57 29,31	15,313	+9,8633	+9,6521	,1851	,8097	136	+,012	−0,02
2688		+57 14	15,313	+9,8904	+9,8079	,1851	,8097	141		
2689	4	−31 57 8,14	15,324	+8,4314	−9,6068	,1854	,8093	129	+,004	−0,08
2690	4	−12 16 45,61	15,328	+9,4579	−9,2102	,1855	,8091	134	−,003	−0,07
2691	4	+26 53 38,05	15,387	+9,8312	+9,5410	+1,1872	+9,8067	149	+,021	+0,08
2692	4	+36 24 12,31	15,399	+9,8627	+9,6590	,1875	,8063	150	+,012	+0,01
2693	1	+45 42 2,18	15,441	+9,8802	+9,7416	,1888	,8044	157	+,007	−0,06
2694	4	−41 54 3,89	15,462	−9,0086	−9,7118	,1893	,8037	152	−,018	−0,05
2695	2	+45 50 44,25	15,465	+9,8807	+9,7434	,1894	,8035	159	+,022	+0,04
2696	4	−19 57 32,05	15,488	+9,2833	−9,1207	+1,1900	+9,8026	158	+,006	−0,10
2697	4	−34 40 2,38	15,495	−7,6021	−9,6130	,1902	,8023	155	−,005	−0,14
2698	4	+59 2 0,52	15,521	+9,8842	+9,8222	,1909	,8012	166	+,016	−0,01
2699	1	+69 45 46,53	15,536	+9,8710	+9,8617	,1913	,8006	173	+,038	+0,25
2700	4	−16 55 23,18	15,621	+9,3674	−9,3552	,1937	,7970	171	+,015	−0,20

No.	Star's Name and Mag.	No. Obs.	Right Ascension. Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
2701	111 Cephei	6	2 21 24 34,05	+1,175	+9,1081	—9,0139	+0,0700	+9,0692
2702	———	7.8	2 26 16,81	1,702	9,0027	8,9017	,2310	+8,9344
2703	B Aquarii	6.7	3 26 40,79	3,136	8,7203	,6173	,4964	—7,6338
2704	*f* Piscis Aust	7	3 26 53,15	3,620	,7995	,6954	,5587	—8,5444
2705	Pegasi	7.8	4 26 53,31	2,426	,8214	,7179	,3849	+8,6090
2706	Aquarii	7.8	26	3,065	+8,7192	—8,6152	+0,4864	+6,3871
2707	31 Pegasi	7	2 27 2,06	2,734	,7523	,6480	,4368	+8,3268
2708	362 Cygni	5	1 28 2,37	2,430	,8231	,7152	,3856	+8,6107
2709	Capricorni	7.8	2 28 24,42	3,065	,7483	,6385	,5270	—8,2813
2710	Pegasi	8	2 28 39,83	2,995	,7234	,6129	,4764	+7,6723
2711	Pegasi	8	28	2,995	+8,7240	—8,6121	+0,4764	+7,6756
2712	363 Cygni	7	3 29 3,32	2,609	,7819	,6697	,4165	+8,4720
2713	136 Capricorni	7	2 29 10,92	3,296	,7390	,6260	,5180	—8,1695
2714	Pegasi	7	1 29 12,24	3,011	,7236	,6107	,4787	+7,5636
2715	Capricorni	7.8	2 29 25,79	3,326	,7136	,6299	,5219	—8,2238
2716	366 Cygni	6	3 30 20,55	2,395	+8,8380	—8,7209	+0,3793	+8,6433
2717	*u* Aquarii	6.7	3 31 1,32	3,079	,7252	,6052	,4884	—6,8517
2718	Capricorni	7.8	2 31 22,70	3,355	,7517	,6302	,5257	—8,2777
2719	139 ———	7	3 32 31,64	3,369	,7559	,6299	,5275	—8,3009
2720	127 Cephei	7	3 32 46,91	1,590	9,0501	,9235	,2014	+8,9943
2721	373 Cygni	6.7	2 33 42,84	2,338	+8,8616	—8,7314	+0,3688	+8,6917
2722	130 Cephei	6	1 33 50,54	1,871	,9862	,8555	,2721	+8,9069
2723	46 Pegasi	6.7	2 34 29,63	2,927	,7369	,6032	,4664	+7,9808
2724	374 Cygni	6.7	2 34 56,42	2,403	,8469	,7118	,3807	+8,6557
2725	Pegasi	8	3 35 43,69	2,924	,7389	,6004	,4660	+7,9941
2726	377 Cygni	5.6	35	2,401	+8,8498	—8,7113	+0,3804	+8,6610
2727	Aquarii	7 8	36	3,203	,7387	,5986	,5056	—7,9682
2728	Cygni	6.7	2 36 28,50	2,402	,8512	,7098	,3806	+8,6630
2729	Pegasi	7.8	2 37 33,65	2,752	,7677	,6217	,4396	+8,3444
2730	149 Capricorni	6.7	3 37 47,41	3,239	,7450	,5980	,5104	—8,0774
2731	Cygni	7	2 38 14,10	2,192	+8,9142	—8,7658	+0,3408	+8,7888
2732	Cephei	5.6	2 38 27,48	1,828	9,0118	,8627	,2620	+8,9404
2733	Pegasi	7.8	2 38 46,18	2,753	8,7694	,6187	,4398	+8,3471
2734	Cephei	7.8	3 39 29,42	1,862	9,0063	,8532	,2700	+8,9323
2735	64 Pagasi	6.7	41	2,519	8,8302	,6698	,4012	+8,5977
2736	145 Capricorni	6.7	3 41 7,96	3,309	+8,7598	—8,5994	+0,5197	—8,2400
2737	Pegasi	6.7	3 41 34,59	3,009	8,7410	,5789	,4784	+7,6324
2738	154 Capricorni	6.7	3 42 31,74	3,333	8,7662	,6001	,5228	—8,2869
2739	142 Cephei	6	3 42 33,42	1,765	9,0411	,8756	,2467	+8,9785
2740	71 Pegasi	7.8	3 43 46,86	2,932	8,7496	,5786	,4672	+8,0041
2741	77 Pegasi	7	3 45 43,60	2,989	+8,7474	—8,5685	+0,4755	+7,7750
2742	156 Capricorni	7	3 46 0,42	3,279	,7625	,5822	,5157	—8,2028
2743	ν^1 Gruis	6	3 46 25,96	3,641	,8494	,6672	,5612	—8,6387
2744	149 Cephei	7.8	3 46 51,18	2,049	,9800	,7967	,3115	+8,8895
2745	Gruis	7.8	3 47 3,06	3,648	,8526	,6679	,5620	—8,6460

No.	No. Obs	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						*s.*	″
2701	4	+66 5 28,02	+15,613	+9,8745	+9,8526	+1,1935	+9,7973	185	+,015	+0,07
2702	3	+58 41 27,83	15,708	+9,8785	+9,8259	,1961	,7932	191	+,031	+0,09
2703	4	— 4 42 55,38	15,737	+9,5809	—8,8084	,1969	,7919	190	+,016	—0,14
2704	4	—33 46 50,25	15,750	+8,2304	—9,6402	,1973	,7913	189	+,007	0,00
2705	3	+37 47	15,744	+9,8585	+9,6827	,1971	,7916	196	+,011	
2706	3	+ 0 15	15,751	+9,6405	+7,5632	+1,1973	+9,7913	192		
2707	3	+22 1 38,03	15,755	+9,8021	+9,4699	,1974	,7911	195	+,015	+0,05
2708	6	+37 47 49,17	15,805	+9,8573	+9,6844	,1988	,7889	203	+,022	—0,01
2709	3	—19 58 6,74	15,830	+9,2988	— 9,1305	,1995	,7877	201	+,034	—0,22
2710		+ 5 5	15,841	+9,6866	+8,8467	,1998	,7872	208	,000	
2711	3	+ 5 6 52,93	15,859	+9,6875	+8,8500	+1,2003	+9,7864	211		—0,23
2712	3	+29 19 2,41	15,865	+9,8306	+9,5885	,2004	,7863	215	+,006	+0,01
2713	3	—15 38 57,03	15,873	+9,4048	—9,3292	,2007	,7858	212	+,012	—0,04
2714	4	+ 3 56 44,25	15,873	+9,6767	+8,7386	,2007	,7858	213	+,009	—0,03
2715	3	—17 35 59,39	15,884	+9,3617	—9,3791	,2009	,7853	214	+,001	—0,04
2716	3	+39 40 27,01	15,930	+9,8585	+9,7056	+1,2022	+9,7831	222	+,027	—0,18
2717	4	— 0 47 40,53	15,969	+9,6291	—8,0278	,2033	,7813	224	+,028	—0,19
2718	3	—19 38 20,66	15,990	+9,3160	—9,4278	,2038	,7803	226	+,004	—0,11
2719	4	—20 33 8,15	16,049	+9,2922	—9,4485	,2055	,7774	233	+,007	—0,06
2720	4	+61 33 32,58	16,056	+9,8645	+9,8479	,2057	,7771	241	+,026	+0,26
2721	4	+42 31 41,24	16,105	+9,8585	+9,7351	+1,2070	+9,7747	246	—,002	+0,03
2722	3	+56 44 41,48	16,112	+9,8663	+9,8259	,2072	,7744	248	+,003	0,00
2723	4	+10 4 26,90	16,150	+9,7251	+9,1501	,2082	,7725	249	+,013	—0,20
2724	4	+40 3 29,28	16,167	+9,8525	+9,7155	,2086	,7716	252	+,019	—0,18
2725	4	+10 20 57,03	16,212	+9,7267	+9,1630	,2098	,7694	255	+,003	—0,17
2726	4	+40 19 32,49	16,212	+9,8525	+9,7191	+1,2098	+9,7694	259		—0,14
2727	3	— 9 47 31,43	16,233	+9,5172	—9,1379	,2104	,7684	257		—0,17
2728	3	+40 24 10,13	16,250	+9,8506	+9,7207	,2108	,7675	265	—,004	—0,09
2729	4	+22 8 25,28	16,307	+9,7931	+9,4871	,2124	,7645	273	—,011	—0,12
2730	4	—12 26 55,94	16,321	+9,4757	—9,2433	,2128	,7638	271	—,012	—0,12
2731	4	+48 30 15,24	16,338	+9,8579	+9,7859	+1,2132	+9,7629	281	+,012	0,00
2732	3	+58 1 31,55	16,348	+9,8579	+9,8401	,2135	,7624	285	+,003	+0,01
2733	2	+22 11 22,67	16,368	+9,7924	+9,4896	,2140	,7613	283	+,009	0,00
2734	3	+57 28 2,72	16,399	+9,8561	+9,8388	,2148	,7597	288	+,027	—0,02
2735	4	+35 49 2,40	16,487	+9,8357	+9,6827	,2171	,7548	298		+0,01
2736	4	—17 36 35,36	16,487	+9,3838	—9,3953	+1,2171	+9,7548	294	+,008	+0,02
2737	4	+ 4 26 46,02	16,510	+9,6785	+8,8071	,2177	,7537	300	+,010	—0,17
2738	4	—19 23 16,77	16,510	+9,3463	—9,4377	,2190	,7509	303	+,023	—0,12
2739	4	+59 55 39,78	16,550	+9,8482	+9,8542	,2188	,7513	306	+,016	—0,10
2740	3	+10 19 9,80	16,617	+9,7218	+9,1730	,2205	,7476	311	+,012	—0,09
2741	4	+ 6 5 20,14	16,710	+9,6905	+8,9486	+1,2230	+9,7421	322	+,009	—0,13
2742	4	—16 1 57,11	16,725	+9,4232	—9,3618	,2234	,7411	323	+,006	—0,10
2743	4	—38 1 50,34	16,749	+7,6021	—9,7114	,2240	,7398	324	+,008	+0,02
2744	4	+54 15 54,22	16,762	+9,8438	+9,8319	,2243	,7390	331	+,003	—0,03
2745	4	—38 26 14,15	16,778	—7,0000	—9,7161	,2247	,7381	327	+,007	+0,01

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Anuual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
2746	ν^2 Gruis	7	3	21 47 3,75	+3,649	+8,8531	—8,6684	+0,5622	—8,6473
2747	Cephei	7.8	3	47 34,00	2,009	,9937	,8073	,3030	+8,9095
2748	157 Capricorni	7	3	47 40,56	3,313	,7708	,5836	,5202	—8,2757
2749	158 ———	7	3	48 48,42	3,273	,7657	,5738	,5149	—8,2030
2750	Cephei	7	1	49 8,21	2,105	,9713	,7785	,3232	+8,8746
2751	17 Gruis	6	3	49 19,36	3,654	+8,8599	—8,6657	+0,5628	—8,6602
2752	105 Aquarii	7	3	49 30,39	3,240	,7617	,5670	,5105	—8,1277
2753	14 Piscis Aust	7	3	50 17,92	3,471	,8105	,6121	,5404	—8,5012
2754	158 Cephei	6.7	2	50 48,78	0,741	9,2838	9,0844	9,8698	+9,2643
2755	159 ———	6	3	52 0,24	1,687	9,0935	8,8887	0,2271	+9,0428
2756	161 Capricorni	7	3	53 6,64	3,305	+8,7774	—8,5673	+0,5192	—8,2827
2757	Piscis Aust	7	3	53 44,24	3,482	,8201	,6074	,5418	—8,5277
2758	102 Pegasi	7	3	54 1,19	2,935	,7627	,5489	,4676	+8,0355
2759	ω Piscis Aust	6.7	2	54 52,69	3,479	,8215	,6040	,5414	—8,5293
2760	l Cephei	6.7	2	55 48,88	2,184	,9688	,7475	,3392	+8,8660
2761	λ Gruis	6	3	56 8,65	3,650	+8,8753	—8,6520	+0,5623	—8,6862
2762	Cephei	7.8	2	56 31,98	2,003	9,0250	,8006	0,3017	+8,9500
2763	165 ———	6	2	56 32,22	2,004	9,0244	,8003	0,3019	+8,9491
2764	b ———	5.6	2	56 51,56	0,909	9,2783	9,0530	9,9586	+9,2575
2765	p Lacertæ	7	2	57 25,44	2,421	8,8987	8,6706	0,3840	+8,7370
2766	ν Cephei	6.7	2	58 31,69	1,943	+9,0485	—8,8158	+0,2885	+8,9818
2767	μ Piscis Aust	7	2	58 44,62	3,518	8,8406	,6064	,5463	—8,5855
2768	Cephei	7 8	1	58 50,20	1,944	9,0495	,8154	,2887	+8,9830
2769	10 Lacertæ	5.6	2	59 20,59	2,415	8,9057	,6692	,3829	+8,7493
2770	120 Pegasi	6.7	1	59 37,31	2,812	8,7848	,5469	,4536	+8,2908
2771	174 Cephei	6	1	22 0 3,57	1,840	+9,0830	—8,8436	+0,2648	+9,0269
2772	175 ———	6.7		0	1,812	9,0900	,8508	,2582	+9,0359
2773	τ Piscis Aust	5.6	2	0 27,77	3,505	8,8403	,5986	,5447	—8,5803
2774	Cephei	7	1	3 1,70	2,004	9,0470	,7943	,3019	+8,9778
2775	———	6.7	2	3 23,69	2,025	9,0418	,7877	,3064	+8,9706
2776	y Pegasi	7	2	3 25,30	2,697	+8,8270	—8,5714	+0,4309	+8,5229
2777	———	7	2	3 39,88	2,997	8,7681	,5122	,4767	+7,7957
2778	Aquarii	7.8	3	4 1,74	3,150	8,7695	,5121	,4983	—7,8705
2779	138 ———	7	2	4 8,18	3,129	8,7681	,5101	,4954	—7,7497
2780	Cephei	6.7	2	5 9,62	2,075	9,0328	,7705	,3170	+8,9571
2781	144 Pegasi	7	2	5 33,92	2,768	+8,8109	—8,5466	+0,4422	+8,4396
2782	λ Cephei	6	3	5 55,09	2,023	9,0514	,7859	,3060	+8,9828
2783	147 Pegasi	6	3	6 5,64	2,735	8,8214	,5547	,4370	+8,4905
2784	149 ———	7.8	3	6 23,00	2,881	8,7865	,5185	,4595	+8,2372
2785	ϕ Cephei	6	3	6 37,36	1,168	9,2682	,9997	,0674	+9,2453
2786	192 Cephei	6.7	2	7 0,25	1,199	+9,2633	—8,9932	+0,0788	+9,2398
2787	———	7.8	2	7 35,97	2,106	9,0318	,7584	,3235	+8,9546
2788	155 Pegasi	7	3	8 54,51	2,751	8,8211	,5116	,4395	+8,4781
2789	———	7.8	3	9 11,10	3,021	8,7725	,4917	,4801	+7,6524
2790	26 Lacertæ	6.7	3	10 9,16	3,222	8,7855	,5001	,5081	—8,1722

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P.M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						s.	″
2746	4	—38 31 32,83	+16,778	—7,0000	—9,7169	+1,2247	+9,7381	326	+,031	—0,06
2747	3	+55 26 8,42	16,797	+9,8420	+9,8391	,2252	,7369	336	+,023	—0,12
2748	4	—18 40 32,73	16,807	+9,3747	—9,4284	,2255	,7363	332	+,018	+0,01
2749	4	—15 54 13,80	16,860	+9,4265	—9,3621	,2269	,7330	338	+,014	—0,07
2750	4	+53 9 7,11	16,870	+9,8401	+9,8284	,2271	,7324	346	+,037	+0,06
2751	3	—39 10 44,50	16,885	—7,6021	—9,7258	+1,2275	+9,7314	340	+,045	—0,09
2752	4	—13 27 0,40	16,892	+9,4727	—9,2918	,2277	,7310	344	+,020	+0,07
2753	4	—29 24 15,35	16,933	+9,0645	—9,6175	,2287	,7284	348	—,008	—0,07
2754	3	+72 55 18,80	16,945	+9,8048	+9,9075	,2290	,7276	357	+,031	—0,05
2755	4	+62 50 29,02	17,004	+9,8254	+9,8779	,2305	,7238	360	+,019	—0,02
2756	3	—18 41 26,47	17,062	+9,3856	—9,4353	+1,2320	+9,7199	361	+,018	+0,06
2757		—30 41	17,090	+9,0294	—9,6384	,2327	,7181	366	+,026	
2758	4	+10 46 28,69	17,101	+9,7193	+9,2038	,2330	,7173	372	+,022	—0,01
2759	8	—30 42 44,46	17,141	+9,0374	—9,6399	,2340	,7146	375	+,018	—0,17
2760	4	+52 5 21,60	17,181	+9,8274	+9,8303	,2350	,7118	383	+,019	+0,04
2761	4	—40 20 11,07	17,201	—7,0000	—9,7445	+1,2356	+9,7104	381	,000	—0,26
2762	4	+57 15 20,02	17,214	+9,8228	+9,8589	,2359	,7095	386	—,011	+0,08
2763	3	+57 12 24,29	17,210	+9,8235	+9,8505	,2358	,7097	385	+,015	+0,08
2764	4	+72 23 43,71	17,222	+9,7917	+9,9134	,2361	,7089	394	—,032	—0,10
2765	4	+43 32 54,09	17,252	+9,8228	+9,7732	,2368	,7067	392	+,002	+0,02
2766	3	+59 0 58,23	17,299	+9,8169	+9,8693	+1,2380	+9,7033	399	+,015	—0,03
2767	3	—33 47 21,17	17,314	+8,9085	—9,6814	,2381	,7022	397	+,018	—0,06
2768	3	+59 4 3,12	17,314	+9,8162	+9,8699	,2384	,7022	401	—,002	—0,09
2769	4	+44 12 50,46	17,338	+9,8202	+9,7806	,2390	,7005	405	—,020	—0,08
2770	3	+18 40 17,86	17,352	+9,7566	+9,4434	,2393	,6994	406	+,015	0,00
2771	4	+61 28 48,84	17,367	+9,8101	+9,8816	+1,2397	+9,6983	416	+,006	+0,09
2772	3	+61 58 57,83	17,364	+9,8095	+9,8836	,2396	,6985	415		+0,15
2773	4	—33 21 15,81	17,390	+8,9542	—9,6783	,2403	,6965	410	+,060	+0,02
2774	2	+58 29 12,15	17,496	+9,8082	+9,8718	,2429	,6883	11	+,018	+0,02
2775	2	+58 2 41,71	17,510	+9,8082	+9,8701	,2433	,6872	16	+,049	+0,08
2776	4	+29 44 36,35	17,525	+9,7910	+9,6376	+1,2436	+9,6860	10	+,009	—0,12
2777	3	+ 6 5 11,00	17,528	+9,6839	+8,9693	,2437	,6858	13	+,008	—0,05
2778	4	— 7 16 53,42	17,541	+9,5670	—9,0432	,2441	,6847	14	+,023	+0,03
2779	4	— 5 31 54,83	17,547	+9,5864	—8,9238	,2442	,6842	17	+,001	—0,14
2780	3	+57 7 44,10	17,586	+9,8048	+9,8675	,2452	,6810	27	+,024	+0,05
2781	4	+25 7 56,10	17,606	+9,7752	+9,5723	+1,2457	+9,6794	28	+,011	—0,35
2782	4	+58 36 8,20	17,616	+9,8014	+9,8753	,2459	,6784	34	+,021	—0,04
2783	3	+27 47 35,46	17,629	+9,7825	+9,6133	,2462	,6775	32	+,020	—0,10
2784	4	+16 22 43,40	17,639	+9,7404	+9,3953	,2465	,6766	33	—,001	—0,11
2785	2	+71 31 51,55	17,645	+9,7686	+9,9217	,2466	,6761	40	+,032	+0,18
2786	4	+71 18 2,62	17,659	+9,7686	+9,9215	+1,2470	+9,6749	45	+,026	+0,06
2787	2	+56 49 27,46	17,689	+9,8000	+9,8686	,2477	,6723	47	—,030	+0,03
2788	3	+26 59 6,29	17,744	+9,7767	+9,6041	,2490	,6675	50	+,004	+0,03
2789	4	+ 4 19 21,38	17,754	+9,6702	+9,8273	,2493	,6666	51	+,009	—0,09
2790	4	—14 7 37,50	17,895	+9,4900	—9,3350	,2503	,6629	56	+,015	—0,04

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
2791	160 Pegasi 7.8	2	22 10 9,73	+2,766	+8,8191	—8,5337	+0,4418	+8,4630
2792	196 Cephei 6.7	3	10 29,94	2,144	9,0296	,7430	,3312	+8,9503
2793	——— 7.8	3	10 33,70	1,216	9,2748	,9882	,0849	+9,2522
2794	165 Pegasi 6.7	3	12 41,70	2,990	8,7783	,4811	,4757	+7,8872
2795	199 Cephei 6	3	12 50,12	1,937	9,1031	,8056	,2871	+9,0491
2796	162 Aquarii 8	2	13 8,46	3,141	+8,7784	—8,4789	+0,4971	—7,8632
2797	169 Pegasi 7	3	13 20,76	2,774	8,8221	,5220	,4431	+8,4660
2798	*m* Cephei 7	3	14 3,78	2,182	9,0296	,7264	,3388	+8,9488
2799	Piscis Aust 7	3	15 32,27	3,376	8,8301	,5193	,5284	—8,4969
2800	171 Pegasi 7	3	15 43,25	2,860	8,8046	,4927	,4564	+8,3586
2801	204 Cephei 6.7	2	16 18,79	0,780	+9,3847	—9,0713	+9,8921	+9,3710
2802	201 ——— 7.8	3	16 56,07	2,236	9,0216	8,7044	0,3495	+8,9358
2803	175 Pegasi 6.7	2	17 43,24	2,885	8,8002	,4790	,4601	+8,2815
2804	178 Aquarii 7	2	17 55,73	3,190	8,7892	,4667	,5038	—8,1083
2805	180 Pegasi 7	3	18 21,27	2,890	8,8231	,4986	,4472	+8,4509
2806	37 Lacertæ 6.7	2	18 27,91	2,376	+8,9760	—8,6513	+0,3758	+8,8631
2807	——— 7.8	3	18 45,97	2,399	8,9684	,6424	,3800	+8,8503
2808	*o* Gruis 6.7	3	18 57,59	3,544	8,8958	,5681	,5495	—8,7033
2809	Piscis Aust 8	2	20 31,58	3,364	8,8356	,5003	,5269	—8,5060
2810	187 Pegasi 6.7	2	20 54,29	2,986	8,7868	,4498	,4751	+7,9471
2811	L Pegasi 6.7	3	21 26,80	2,797	+8,8288	—8,4892	+0,4467	+8,4699
2812	ζ Piscis Aust 8	1	21 42,71	3,349	8,8326	,4913	,5219	—8,4879
2813	M Cephei 6.7	2	21 47,53	1,915	9,1460	,8050	,2822	+9,1008
2814	193 Pegasi 6	2	22 29,63	2,728	8,8540	,5090	,4358	+8,5751
2815	*e* Lacertæ 5	1	22 41,36	2,481	8,9489	,6033	,3946	+8,8122
2816	Pegasi 7	2	22 56,13	2,986	+8,7888	—8,4414	+0,4751	+7,9585
2817	Cephei 7.8	2	23 2,36	2,206	9,0547	,7074	,3436	+8,9812
2818	42 Lacertæ 7.8		23	2,379	8,9910	,6423	,3764	+8,8851
2819	——— 6	4	23 22,73	2,572	8,9153	,5659	,4103	+8,7433
2820	195 Pegasi 6.7	2	23 55,77	2,771	8,8417	,4896	,4426	+8,5234
2821	221 Cephei 7		25	—3,465	+9,8722	—9,5146	—0,5397	+9,8707
2822	C ——— 6.7	2	25 22,97	+0,555	9,4668	9,1079	+9,7443	+9,4571
2823	——— 7		25	—3,596	9,8835	9,5232	—0,5558	+9,8821
2824	σ^1 Gruis 6.7	3	26 50,20	+3,532	8,9121	8,5445	+ ,5480	—8,7325
2825	σ Piscis Aust 6	2	27 17,32	3,402	8,8614	8,4917	,5317	—8,5915
2826	217 Cephei 7	2	27 17,33	2,296	+9,0377	—8,6684	+0,3610	+8,9553
2827	σ_2 Gruis 6	3	27 21,44	3,530	8,9127	,5423	,5478	—8,7333
2828	Lacertæ 8.9	3	27 32,48	2,559	8,9321	,5614	,4081	+8,7753
2829	204 Pegasi 7	1	27 52,30	2,884	8,8135	,4410	,4600	+8,3359
2830	Lacertæ 7.8	3	28 11,04	2,560	8,9338	,5595	,4082	+8,7781
2831	ρ Cephe 6.7	3	28 20,76	0,622	+9,4704	—9,0961	+9,7938	+9,4608
2832	Aquarii 7	2	28 31,59	3,269	8,8190	8,4426	0,5144	—8,3773
2833	7 Andromedæ 7	1	28 32,26	2,651	8,8969	,5209	,4234	+8,6940
2834	217 Pegasi 7	3	30 28,48	3,035	8,7910	,4043	,4822	+7,6008
2835	48 Lacertæ 6	2	30 36,46	2,448	8,9886	,6016	,3888	+8,8774

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	*b'*	*c'*	*d'*		A. R.	Decn.
		° ′ ″	″						*s.*	″
2791	2	+26 6 54,07	+17,795	+9,7730	+9,5922	+1,2503	+9,6629	58	+,001	+0,01
2792	3	+56 23 56,79	17,805	+9,7930	+9,8693	,2505	,6620	61	+,028	+0,03
2793	4	+71 38 46,88	17,805	+9,7574	+9,9260	,2505	,6620	64	+,032	+0,05
2794	4	+ 7 21 39,91	17,896	+9,6884	+9,0597	,2527	,6536	70	+,018	—0,03
2795	3	+61 58 46,79	17,898	+9,7789	+9,8968	,2528	,6533	75	+,014	+0,18
2796	4	— 7 0 33,56	17,914	+9,5763	—9,0361	+1,2532	+9,6518	71	+,003	—0,14
2797	4	+26 6 29,93	17,919	+9,7686	+9,5953	,2533	,6513	76	+,019	+0,01
2798	4	+56 5 26,40	17,945	+9,7903	+9,8711	,2539	,6488	80	+,010	+0,07
2799	4	—27 41 27,29	18,007	+9,2565	—9,6203	,2554	,6426	84	+,007	—0,02
2800	3	+20 0 57,20	18,015	+9,7465	+9,4877	,2556	,6418	88	+,020	—0,20
2801	3	+75 39 31,83	18,027	+9,7243	+9,9103	+1,2559	+9,6405	96	+,049	—0,09
2802	4	+55 7 45,57	18,058	+9,7810	+9,8689	,2567	,6374	92	+,003	—0,14
2803	3	+17 36 27,27	18,088	+9,7356	+9,4367	,2574	,6342	97	+,007	—0,01
2804	3	—12 3 50,84	18,098	+9,5250	—9,2747	,2576	,6332	98	+,016	—0,01
2805	4	+25 5 26,37	18,113	+9,7597	+9,5839	,2580	,6316	101	+,011	—0,13
2806	4	+50 25 6,68	18,116	+9,7825	+9,8432	+1,2581	+9,6313	103	+,006	—0,05
2807	4	+49 33 53,92	18,126	+9,7825	+9,8382	,2583	,6303	105	+,002	—0,06
2808	3	—39 57 54,19	18,138	+8,7781	—9,7641	,2586	,6289	102	+,017	—0,46
2809	4	—27 56 49,21	18,195	+9,2721	—9,6284	,2600	,6227	112	+,012	+0,08
2810	4	+ 8 17 20,86	18,207	+9,6893	+9,1186	,2602	,6213	116	+,013	—0,08
2811	3	+25 55 27,79	18,226	+9,7574	+9,5998	+1,2607	+9,6191	120	+,008	+0,02
2812	4	—26 54 48,21	18,239	+9,3010	—9,6143	,2610	,6177	118	+,002	—0,07
2813	4	+64 17 28,91	18,286	+9,7498	+9,9138	,2609	,6180	128	+,023	—0,11
2814	3	+31 43 57,16	18,265	+9,7679	+9,6808	,2616	,6147	129	+,037	+0,02
2815	3	+46 51 53,11	18,270	+9,7759	+9,8231	,2617	,6141	132	+,043	+0,04
2816	4	+ 8 28 37,00	18,282	+9,6902	+9,1297	+1,2620	+9,6127	131	+,012	—0,15
2817	4	+57 33 41,54	18,282	+9,7627	+9,8865	,2620	,6127	134	+,027	+0,01
2818	4	+51 34 21,47	18,292	+9,7708	+9,8544	,2622	,6116	137		+0,09
2819	4	+42 16 47,75	18,296	+9,7752	+9,7884	,2624	,6110	136	+,009	+0,03
2820	3	+28 41 56,13	18,315	+9,7604	+9,6425	,2628	,6087	139	—,005	—0,04
2821	3	+85 16 18,85	18,353	+9,6405	+9,9603	+1,2637	+9,6042	165		—0,09
2822	1	+77 56 43,46	18,363	+9,6820	+9,9523	,2639	,6030	150	+,040	—0,01
2823	3	+85 23 16,14	18,372	+9,6365	+9,9608	,2641	,6019	167		+0,03
2824	4	—41 25 50,07	18,420	+8,8062	—9,7837	,2653	,5957	147	+,018	—0,11
2825	4	—32 30 47,26	18,434	+9,1761	—9,6937	,2656	,5939	153	—,002	+0,03
2826	3	+55 46 22,52	18,432	+9,7551	+9,8811	+1,2656	+9,5942	156	+,006	—0,02
2827	4	—41 26 22,90	18,439	+8,8202	—9,7843	,2657	,5934	152	+,063	—0,08
2828	4	+44 9 14,48	18,441	+9,7664	+9,8070	,2658	,5931	157	+,025	—0,12
2829	3	+19 25 39,19	18,452	+9,7316	+9,4865	,2660	,5916	158	+,001	—0,18
2830	4	+44 18 16,15	18,464	+9,7649	+9,8087	,2663	,5901	161	—,007	+0,18
2831	3	+77 58 39,75	18,464	+9,6730	+9,9547	+1,2663	+9,5901	168	+,051	+0,02
2832	4	—21 13 45,28	18,477	+9,4232	—9,5229	,2666	,5883	160	+,002	—0,12
2833	4	+38 46 56,52	18,475	+9,7649	+9,7618	,2666	,5886	164	+,002	—0,06
2834	4	+ 3 40 29,97	18,542	+9,6599	+8,7760	,2682	,5795	169	+,016	+0,01
2835	4	+50 41 41,21	18,544	+9,7551	+9,8550	,2682	,5792	173	+,001	—0,17

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
2836	51 Piscis Aust 6.7	3	22 31 9,08	+3,377	+8,8598	—8,4695	+0,5285	—8,5779
2837	49 Lacertæ 6.7	3	31 9,70	2,575	,9362	,5162	,4108	+8,7807
2838	205 Aquarii 7	3	31 36,22	3,132	,7946	,4017	,4958	—7,9025
2839	11 Andromedæ 7	2	31 37,46	2,696	,8860	,4935	,4307	+8,6609
2840	12 ——— 6	2	31 51,78	2,674	,8959	,5019	,4272	+8,6873
2841	*f* Andromedæ 7	2	32 5,00	2,699	+8,8861	—8,4910	+0,4312	+8,6605
2842	*η* Piscis Aust 6.7	2	33 10,67	3,354	,8555	,4539	,5256	—8,5571
2843	*h* Lacertæ 7	2	33 17,48	2,602	,9313	,5296	,4153	+8,7687
2844	P² Pegasi 6	2	33 48,44	2,949	,8051	,4002	,4697	+8,1791
2845	*ρ* Gruis 6	2	33 54,52	3,512	,9234	,5177	,5455	—8,7510
2846	Lacertæ 7.8	2	33 58,20	2,593	+8,9370	—8,5313	+0,4138	+8,7801
2847	15 Andromedæ 6	2	34 5,71	2,667	,9018	,4983	,4260	+8,7074
2848	216 Aquarii 7	2	34 35,42	3,136	,7975	,3884	,4964	—7,9437
2849	Lacertæ 8	2	36 25,06	2,614	,9354	,5161	,4173	+8,7748
2850	222 Aquarii 7	2	36 40,56	3,156	,8020	,3809	,4991	—8,0620
2851	*i* Andromedæ 6	2	36 44,74	2,657	+8,9168	—8,4957	+0,4244	+8,7336
2852	Aquarii 8	3	39 19,74	3,108	,7983	,3617	,4925	—7,7429
2853	*h* Andromedæ 6.7	3	40 38,35	2,733	,8928	,4487	,4366	+8,6680
2854	*δ* Piscis Aust 6	3	41 14,13	3,328	,8628	,4087	,5222	—8,5667
2855	Λ Gruis 7.8	3	41 37,38	3,443	,9139	,4639	,5369	—8,7220
2856	237 Aquarii 6.7	1	42 10,11	3,131	+8,8031	—8,3498	+0,4957	—7,9634
2857	247 Pegasi 6.7	3	42 34,85	2,922	8,8213	8,3656	+0,4657	+8,3182
2858	*k* Andromedæ 7	3	42 56,11	2,685	8,9219	8,4642	+0,4289	+8,7397
2859	Cephei 7.8	2	44 10,66	—0,199	9,6802	9,2159	—9,2988	+9,6764
2860	*l* Andromedæ 6	1	44 36,54	+2,674	8,9322	8,4643	+0,4272	+8,7616
2861	255 Pegasi 7	3	45 15,85	2,859	+8,8171	—8,3752	+0,4562	+8,4913
2862	246 Aquarii 7	3	45 24,90	3,167	8,8120	8,3386	0,5006	—8,1652
2863	*o*¹ Piscis Aust 5 6	3	46 47,53	3,344	8,8799	8,3977	0,5243	—8,6207
2864	246 Cephei 6	3	47 55,33	0,011	9,6750	9,1872	8,0414	+9,6711
2865	Aquarii 7.8	3	48 44,55	3,108	8,8049	8,3101	0,4925	—7,7993
2866	41 Andromedæ 6	3	48 52,41	2,717	+8,9233	—8,4282	+0,4311	+8,7381
2867	*κ* Piscis Aust 7	3	49 22,69	3,365	,8972	,3981	,5270	—8,6702
2868	44 Andromedæ 6.7	3	50 4,55	2,750	,9096	,4066	,4393	+8,7033
2869	69 Piscis Aust 6	3	50 33,91	3,300	,8677	,3611	,5185	—8,5708
2870	257 Aquarii 6.7	3	50 54,40	3,166	,8170	,3081	,5005	—8,1986
2871	S Aquarii 5.6	3	51 9,40	3,260	+8,8506	—8,3399	+0,5132	—8,4927
2872	——— 8.9	3	51 20,76	3,268	,8544	,3424	,5143	—8,5114
2873	260 ——— 6.7	3	51 42,75	3,135	,8108	,2966	,4962	—8,0388
2874	263 ——— 7	3	52 59,12	3,105	,8072	,2844	,4921	—7,7940
2875	*π* Piscis Aust 5.6	3	54 21,03	3,337	,8959	,3633	,5234	—8,6611
2876	280 Pegasi 8	3	54 41,47	2,915	+8,8398	—8,3019	+0,4646	+8,4184
2877	54 Andromedæ 6	3	55 1,53	2,734	8,9346	8,3977	+0,4368	+8,7592
2878	T Cephei 6	2	55 26,93	—0,186	9,7514	9,2132	—9,2695	+9,7486
2879	*h*² Aquarii 7	3	56 43,55	+3,123	8,8122	8,2630	+0,4946	—7,9878
2880	Andromedæ 6	3	56 46,82	2,759	8,9257	8,3760	+0,4407	+8,7375

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						*s.*	″
2836	3	−31 30 24,08	+18,564	+9,2380	−9,6848	+1,2687	+9,5764	172	,000	−0,23
2837	3	+44 19 37,09	18,562	+9,7589	+9,8111	,2686	,5767	177	−,004	−0,06
2838	4	− 7 23 24,65	18,579	+9,5821	−9,0750	,2690	,5742	178	+,004	−0,05
2839	2	+36 31 8,18	18,577	+9,7581	+9,7419	,2690	,5745	179	−,004	−0,10
2840	3	+38 11 37,13	18,586	+9,7581	+9,7587	,2692	,5738	181	−,002	−0,05
2841	3	+36 29 49,54	18,593	+9,7566	+9,7418	+1,2693	+9,5723	184	+,032	0.00
2842	4	−30 13 16,29	18,632	+9,2787	−9,6699	,2702	,5666	187	+,011	−0,11
2843	1	+43 25 1,65	18,632	+9,7543	+9,8057	,2702	,5666	192	+,014	0,00
2844	2	+13 39 26,54	18,651	+9,7067	+9,3427	,2707	,5637	195	−,003	−0,01
2845	4	−12 16 18,18	18,655	+8,8750	−9,7964	,2708	,5631	193	+,008	−0,18
2846	2	+44 8 52,95	18,655	+9,7528	+9,8119	+1,2708	+9,5631	197	+,001	−0,01
2847	3	+39 21 52,71	18,660	+9,7536	+9,7715	,2709	,5625	199	+,002	−0,15
2848	4	− 8 4 32,67	18,674	+9,5786	−9,1155	,2712	,5602	201	+,007	+0,10
2849	4	+43 40 40,18	18,731	+9,7474	+9,8100	,2726	,5514	210	+,008	+1,09
2850	4	−10 30 33,73	18,741	+9,5599	−9,2308	,2728	,5497	209	+,014	−0,12
2851	4	+40 57 18,38	18,741	+9,7474	+9,7876	+1,2728	+9,5497	211	+,006	−0,07
2852	4	− 5 5 4,69	18,823	+9,6042	−8,9173	,2747	,5361	219	+,002	−0,54
2853	3	+36 33 2,27	18,860	+9,7403	+9,7488	,2755	,5295	226	+,002	−0,02
2854	3	−30 24 31,84	18,909	+9,3138	−9,6787	,2767	,5206	229	+,002	−0,15
2855	4	−40 1 46,56	18,890	+9,0682	−9,7823	,2762	,5212	227	+,021	−0,11
2856	4	− 3 10 56,22	18,905	+9,5826	−9,1262	+1,2766	+9,5213	230	,000	+0,03
2857	3	+18 16 12,95	18,917	+9,7126	+9,4718	,2768	,5192	232	−,005	+0,03
2858	4	+41 4 53,79	18,926	+9,7348	+9,7929	,2771	,5174	233	+,004	+0,03
2859	3	+82 24 9,18	18,956	+9,5786	+9,9720	,2778	,5115	248	+,081	+0,14
2860	4	+42 26 14,54	18,974	+9,7308	+9,8056	,2782	,5082	240	+,021	+0,05
2861	4	+26 6 15,63	18,993	+9,7251	+9,6205	+1,2786	+9,5015	244	+,009	0,00
2862	3	−13 3 48,29	18,999	+9,5453	−9,3299	,2787	,5034	243	+,012	0,00
2863	4	−33 25 6,58	19,037	+9,2785	−9,7184	,2796	,4954	251	+,008	+0,03
2864	4	+82 16 43,75	19,060	+9,5611	+9,9742	,2801	,4901	258	+,068	+0,12
2865	4	− 5 41 26,67	19,089	+9,6042	−8,9733	,2808	,4841	254	,000	−0,15
2866	4	+40 43 28,60	19,091	+9,7226	+9,7936	+1,2808	+9,4837	255	+,011	−0,03
2867	4	−36 23 56,77	19,107	+9,2304	−9,7522	,2812	,4801	256	+,005	−0,17
2868	5	+38 25 43,32	19,123	+9,7210	+9,7732	,2815	,4765	261	+,013	−0,12
2869	3	−30 20 44,06	19,136	+9,3570	−9,6830	,2819	,4733	262	+,021	−0,11
2870	4	−13 57 8,94	19,145	+9,5575	−9,3617	,2821	,4713	264	+,020	+0,32
2871	3	−26 2 35,78	19,152	+9,4166	−9,6223	+1,2822	+9,4696	267	+,015	−0,09
2872	4	−27 1 47,31	19,157	+9,4048	−9,6374	,2823	,4684	268	+,014	−0,14
2873	4	− 9 45 48,07	19,166	+9,5775	−9,2086	,2825	,4663	272	+,005	−0,18
2874	4	− 5 35 49,58	19,198	+9,6064	−8,9681	,2832	,4584	279	+,005	−0,08
2875	3	−35 38 25,47	19,233	+9,2765	−9,7473	,2840	,4495	282	+,008	−0,06
2876	4	+22 14 43,06	19,241	+9,7059	+9,5608	+1,2842	+9,4473	285	,000	−0,09
2877	3	+41 52 20,70	19,247	+9,7067	+9,8071	,2844	,4456	286	+,027	+0,04
2878	4	+83 27 48,43	19,252	+9,5119	+9,9797	,2845	,4443	295	+,049	+0,09
2879	4	− 8 38 33,26	19,289	+9,5888	−9,1569	,2853	,4341	291	+,017	−0,03
2880	2	+40 23 10,11	19,291	+9,7041	+9,7952	,2853	,4337	292	+,008	−0,06

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Anuual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
2881	Andromedæ 6	3	22 56 48,05	+2,648	+8,9919	—8,4422	+0,4229	+8,8709
2882	290 Pegasi 7	3	57 20,50	2,978	,8209	,2673	,4739	+8,2076
2883	*v* Gruis 6	3	57 41,06	3,368	,9216	,3699	,5274	—8,7274
2884	h^4 Aquarii 7.8	1	58 37,13	3,121	,8131	,2497	,4913	—7,9862
2885	———		59	3,266	,8697	,3003	,5140	—8,8643
2886	Pegasi 7	3	59 34,94	2,851	+8,8802	—8,3097	+0,4550	+8,6040
2887	*e* Cephei 6	3	59 39,97	2,501	9,0913	,5204	,5981	+9,0223
2888	65 Andromedæ 6	2	23 0 7,84	2,718	8,9635	,3890	,4342	+8,8168
2889	66 ——— 6.7	2	0 16,91	2,681	8,9871	,4116	,4283	+8,8610
2890	94 Gruis 6	2	0 46,44	3,393	8,9504	,3703	,5306	—8,7899
2891	13 Piscium 7	2	0 56,78	3,060	+8,8096	—8,2284	+0,4857	+7,1597
2892	*b* Gruis 6	2	0 57,16	3,367	8,9347	,3535	,5272	—8,7555
2893	262 Cephei 7	2	1 10,66	1,830	9,3886	,8064	,2624	+9,3729
2894	Pegasi 7 8	2	1 34,29	2,833	8,8671	,2813	,4598	+8,5499
2895	303 ——— 6	2	1 43,31	3,015	8,8151	,2283	,4793	+8,0071
2896	282 Aquarii 7	2	2 6,89	3,108	+8,8131	—8,2232	+0,4925	—7,8886
2897	305 Pegasi 7	3	2 31,13	2,969	8,8290	,2354	,4726	+8,2883
2898	261 Cephei 6	3	2 42,51	2,532	9,0918	,4966	,4035	+9,0224
2899	72 Andromedæ 6.7	2	2 50,65	2,765	8,9440	,3483	,4417	+8,7752
2900	Piscuim 7	3	5 37,50	3,087	8,8125	,1940	,4895	—7,5982
2901	97 Gruis 6.7	2	5 48,31	3,348	+8,9405	—8,3203	+0,5248	—8,7657
2902	315 Pegasi 8	3	7 18,19	2,928	,8544	,2218	,4666	+8,4771
2903	Gruis 7	3	7 43,01	3,339	,9420	,3054	,5236	—8,7681
2904	Pegasi 6	1	8 1,03	2,913	,8642	,2253	,4643	+8,5264
2905	79 Gruis 7	3	8 16.47	3,235	,8723	,2310	,5099	—8,5620
2906	ϕ Gruis 6	3	9 2,49	3,329	+8,9400	—8,2922	+0,5223	—8,7628
2907	N Pegasi 6 7	3	9 25,51	2,977	,8338	,1825	,4738	+8,3103
2908	Piscis Aust 7,8	2	9 37,97	3,231	,8731	,2200	,5093	—8,5634
2909	——— 7	1	10 12,38	3,229	,8730	,2145	,5091	—8,5622
2910	88 Andromedæ 6	3	10 34,78	2,821	,9354	,2739	,4504	+8,7514
2911	Pegasi 7	3	11 27,80	2,873	+8,9005	—8,2311	+0,4583	+8,6586
2912	91 Andromedæ 6	3	11 49,86	2,763	8,9867	,3136	,4414	+8,8561
2913	*o* Cephei 6	3	11 52,36	2,407	9,2266	,5535	,3815	+9,1914
2914	93 Andromedæ 7	3	11 58,04	2,766	8,9847	,3103	,4418	+8,8523
2915	92 ——— 7	3	12 2,19	2,826	8,9380	,2629	,4512	+8,7566
2916	337 Pegasi 7	3	12 42,48	2,988	+8,8327	—8,1514	+0,4754	+8,2830
2917	338 ——— 6	3	12 45,55	2,914	8,8752	,1933	,4645	+8,5682
2918	94 Andromedæ 6	3	12 56,62	2,861	8,9142	,2310	,4565	+8,6969
2919	343 Pegasi 6	3	13 52,33	2,909	8,8818	,1889	,4637	+8,5928
2920	110 Gruis 6.7	3	14 41,36	3,320	8,9585	,2578	,5211	—8,8003
2921	322 Aquarii 7	3	15 12,36	3,110	+8,8214	—8,1155	+0,4928	—8,0314
2922	Pegasi 9	4	15 41,73	2,911	8,8857	,1750	,4640	+8,6054
2923	97 Andromedæ 7	3	16 3,32	2,730	9,0380	,3239	,4362	+8,9412
2924	352 Pegasi 6	3	16 47,59	2,915	8,8854	,1639	,4646	+8,6055
2925	Aquarii 8	1	17 12,57	3,165	8,8477	,1212	,5004	—8,4114

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						*s.*	″
2881	4	+49 9 21,09	+19,291	+9,6884	+9,8624	+1,2853	+9,4337	293	+,047	+0,10
2882	4	+14 4 13,93	19,304	+9,6875	+9,3704	,2856	,4301	297	+,021	—0,04
2883	3	—39 47 0,08	19,297	+9,2068	—9,7893	,2855	,4319	298	—,014	—0,15
2884	4	— 8 35 53,66	19,334	+9,5909	—9,1574	,2863	,4209	302	+,021	—0,01
2885		—29 42	19,353	+9,3950	—9,6793	,2867	,4154	305		
2886	4	+31 56 4,28	19,356	+9,7039	+9,7086	+1,2868	+9,4144	306	—,002	0,00
2887	3	+58 31 44,35	19,357	+9,6503	+9,9159	,2868	,4139	308	+,032	—0,02
2888	4	+45 29 46,20	19,368	+9,6875	+9,8385	,2871	,4106	311	+,017	—0,14
2889	4	+48 23 53,16	19,371	+9,6812	+8,8591	,2871	,4097	312	+,017	+0,12
2890	4	—43 45 6,35	19,384	+9,1399	—9,8250	,2874	,4054	314	—,019	—0,13
2891	3	+ 1 15 5,78	19,387	+9,6434	+8,3357	+1,2875	+9,4044	316	+,005	0,00
2892	3	—41 28 55,45	19,387	+9,1959	—9,8064	,2875	,4044	315	—,024	0,00
2893	3	+74 41 20,87	19,390	+9,5539	+9,9700	,2876	,4034	1	—,013	—0,05
2894	3	+28 46 33,98	19,401	+9,6998	+9,6687	,2878	,4001	319	+,013	—0,04
2895	4	+ 8 55 47,34	19,404	+9,6702	+9,1778	,2879	,3991	320	+,012	0,00
2896	3	— 6 51 13,08	19,412	+9,6031	—9,0616	+1,2881	+9,3961	2	+,005	+0,06
2897	4	+16 42 9,16	19,422	+9,6873	+9,4456	,2883	,3927	4	+,009	+0,02
2898	4	+58 26 21,44	19,427	+9,6405	+9,9170	,2884	,3912	6	+,025	+0,03
2899	4	+42 39 33,95	19,428	+9,6866	+9,8176	,2884	,3907	7	—,011	—0,12
2900	4	— 3 31 48,70	19,487	+9,6222	—8,7734	,2897	,3692	17	+,015	—0,04
2901	4	—41 59 52,07	19,491	+9,2227	—9,8132	+1,2898	+9,3677	18	+,023	—0,17
2902	4	+24 46 22,53	19,520	+9,6884	+9,6112	,2905	,3559	23	+,012	—0,05
2903	4	—42 5 39,01	19,530	+9,2330	—9,8148	,2907	,3521	24	+,014	—0,04
2904	1	+27 19 41,57	19,535	+9,6884	+9,6510	,2908	,3499	28	+,008	—0,08
2905	3	—29 19 59,39	19,540	+9,4297	—9,6786	,2909	,3477	29	+,011	—0,10
2906	4	—41 43 7,17	19,554	+9,2504	—9,8121	+1,2912	+9,3416	32	+,028	—0,14
2907	4	+17 21 24,63	19,562	+9,6803	+9,4660	,2914	,3382	34	+,009	+0.01
2908	4	—29 22 31,33	19,566	+9,4346	—9,6798	,2915	,3365	35	+,044	—0,05
2909	4	—29 17 21,64	19,577	+9,4362	—9,6790	,2917	,3313	37	+,008	+0,02
2910	4	+40 52 26,30	19,583	+9,6693	+9,8060	,2919	,3284	45	+,007	+0,02
2911	3	+34 55 21,86	19,600	+9,6776	+9,7483	+1,2922	+9,3208	47	+,013	—0,15
2912	4	+47 43 15,85	19,607	+9,6493	+9,8598	,2924	,3173	50	+,018	+0,05
2913	3	+67 12 37,26	19,607	+9,5551	+9,9552	,2924	,3173	53	+,014	+0,04
2914	3	+47 28 39,78	19,609	+9,6492	+9,8581	,2924	,3161	54	+,036	+0,03
2915	4	+41 10 36,02	19,610	+9,6646	+9,8092	,2925	,3155	52	+,009	+0,11
2916	4	+16 20 59,40	19,621	+9,6749	+9,4411	+1,2927	+9,3095	57	+,022	+0,10
2917	4	+29 30 55,31	19,623	+9,6784	+9,6838	,2928	,3089	58	+,021	—0,09
2918	4	+37 16 58,04	19,626	+9,6702	+9,7735	,2928	,3076	59	+,031	—0,14
2919	4	+30 54 36,13	19,643	+9,6758	+9,7022	,2932	,2984	62	+,006	—0,11
2920	4	—44 1 42,31	19,657	+9,2455	—9,8333	,2935	,2909	66	+,008	0,00
2921	4	— 9 21 50,93	19,666	+9,5988	—9,2017	+1,2937	+9,2858	69	—,002	—0,13
2922	4	+31 37 32,16	19,674	+9,6718	+9,7116	,2939	,2812	71	+,027	0,00
2923	4	+53 7 34,11	19,680	+9,6149	+9,8952	,2940	,2780	73	+,008	—0,01
2924	4	+31 28 48,41	19,692	+9,6693	+9,7104	,2943	,2707	75	+,030	+0,08
2925	4	—21 30 46,83	19,700	+9,5276	—9,5562	,2944	,2660	76	+,017	—0,07

No.	Star's Name and Mag.	No. Obs.	Right Ascension. Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
2926	Andromedæ 7.8	3	23 18 40,85	+2,760	+9,0303	—8,2890	+0,4409	+8,9285
2927	Cephei 8	3	19 5,23	2,719	9,0695	,3231	,4344	+8,9880
2928	App. Sculp. 6.7	3	19 8,51	3,243	8,9115	,1644	,5109	—8,6853
2929	103 Andromedæ 6.7	3	19 11,28	2,856	8,9462	,1984	,4558	+8,7720
2930	O Aquarii 6.7	3	19 30,04	3,119	8,8273	,0766	,4940	—8,1569
2931	Cephei *var.* 7	2	22 17,12	2,724	+9,0898	—8,3080	+0,4352	+9,0167
2932	118 Gruis *var.* 7.8	3	22 56,79	3,265	8,9546	,1610	,5139	—8,7824
2933	342 Aquarii 6.7	3	22 59,82	3,086	8,8199	,0285	,4894	—7,7559
2934	b^3 ——— 6	3	23 2,62	3,156	8,8519	,0605	,4991	—8,4301
2935	343 ——— 7	3	23 9,58	3,154	8,8516	,0586	,4989	—8,4277
2936	105 Andromedæ 6	3	23 11,58	2,900	+8,9239	—8,1309	+0,4624	+8,7166
2937	345 Aquarii 7	3	23 17,14	3,116	8,8294	,0348	,4936	—8,1760
2938	β App. Sculp. 5.6	3	24 6,23	3,234	8,9263	,1219	,5097	—8,7223
2939	106 Andromedæ 7	3	24 6,97	2,734	9,0971	,2927	,4368	+9,0265
2940	373 Pegasi 5.6	3	25 46,72	2,952	8,8835	,0580	,4701	+8,5881
2941	109 Andromedæ 7.8	4	25 58,06	2,885	+8,9552	—8,1271	+0,4601	+8,7891
2942	Phœnicis 7.8	2	25 57,99	3,257	,9591	,1310	,5128	—8,7974
2943	350 Aquarii 6.7	3	26 13,96	3,124	,8366	,0051	,4947	—8,2801
2944	374 Pegasi 6	3	26 29,35	2,944	,8939	,0587	,4689	+8,6255
2945	110 Andromedæ 6	3	26 34,34	2,910	,9310	,0950	,4639	+8,7331
2946	Ceti 8	2	27 7,49	3,123	+8,8370	—7,9939	+0,4946	—8,2822
2947	V Cephei 6	2	27 44,58	0,080	0,0237	9,1743	8,9031	+0,0229
2948	384 Pegasi 7	3	29 18,80	3,017	8,8371	7,9633	0,4796	+8,2756
2949	ι Andromedæ 5	3	30 3,90	2,910	8,9518	8,0673	0,4639	+8,7805
2950	Aquarii 8	3	30 5,48	3,137	8,8523	7,9668	0,4965	—8,4212
2951	120 Andromedæ 6	4	31 10,05	2,873	+9,0087	—8,1072	+0,4583	+8,8963
2952	390 Pegasi 6.7	3	31 30,90	3,043	8,8257	7,9190	,4833	+8,0096
2953	μ App. Sculp. 6	4	31 58,06	3,173	8,8969	7,9829	,5015	—8,6324
2954	Aquarii 8	3	31 59,69	3,126	8,8474	7,9334	,4950	—8,3786
2955	1 Messoris 6.7	3	32 12,98	2,539	9,3577	8,4406	,4047	+9,3386
2956	App. Sculp. 7	2	32 25,90	3,171	+8,8970	—7,9756	+0,5012	—8,6328
2957	k Andromedæ 7	2	34 6,95	2,925	8,9633	8,0143	,4661	+8,8040
2958	Cassiopeæ 7.8	3	35 23,46	2,848	9,0873	8,1161	,4545	+9,0117
2959	Andromedæ 8	3	36 24,51	2,930	8,9760	7,9853	,4669	+8,8292
2960	126 ——— 7	3	36 35,17	2,943	8,9565	7,9633	,4688	+8,7891
2961	7 Cassiopeæ 6.7	3	36 47,75	2,877	+9,0622	—8,0652	+0,4589	+8,9751
2962	ω Gruis 6.7	3	37 17,90	3,182	8,9445	7,9372	,5027	—8,7620
2963	Pegasi 7	2	38 7,97	3,001	8,8753	7,8522	,4773	+8,5443
2964	375 Aquarii 7	3	39 58,60	3,109	8,8488	7,7862	,4926	—8,3778
2965	48 Piscium 6.7	2	40 22,81	3,065	8,8225	7,7511	,4864	+7,1892
2966	306 Cephei 6	3	40 50,65	2,866	+9,1412	—8,0592	+0,4573	+9,0844
2967	378 Aquarii 7	3	41 0,16	3,101	8,8413	7,7547	,4915	—8,3010
2968	129 Andromedæ 7	2	42 9,56	2,943	9,0213	7,9074	,4688	+8,9101
2969	12 Cassiopeæ 7	3	42 29,46	2,933	9,0464	7,9243	,4673	+8,9506
2970	50 Piscium 7	3	42 40,35	3,066	8,8228	7,6956	,4866	+7,1950

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P.M.	
				a'	b'	c'	d'		A. R.	Decn.
		° ′ ″	″						*s.*	″
2926	4	+52 15 38,82	+19,721	+9,6085	+9,8912	+1,2949	+9,2517	86	+,009	0,00
2927	4	+55 58 25,18	19,730	,5899	+9,9117	,2951	,2468	88	—,008	+0,21
2928	4	—36 27 4,97	19,730	,3874	—9,7668	,2951	,2461	87	+,004	+0,10
2929	4	+42 0 19,48	19,731	,6434	+9,8190	,2951	,2154	89	+,011	+0,12
2930	4	—12 21 21,08	19,735	,5877	—9,3229	,2952	,2425	90	+,013	—0,01
2931	4	+57 38 24,05	19,776	+9,5682	+9,9210	+1,2961	+9,2123	100	+,018	+0,04
2932	4	—42 39 42,34	19,786	,3243	—9,8252	,2963	,2038	102	+,006	—0,01
2933	3	— 4 59 21,60	19,787	,6212	—8,9303	,2964	,2030	103	+,005	—0,36
2934	4	—22 16 43,00	19,787	,5327	—9,5726	,2964	,2030	104	+,004	—0,02
2935	3	—22 9 30,78	19,789	,5340	—9,5705	,2964	,2014	105	+,007	—0,10
2936	4	+38 19 50,03	19,789	+9,6425	+9,7872	+1,2964	+9,2014	107	+,031	—0,04
2937	4	—12 51 25,89	19,790	,5888	—9,3411	,2964	,1999	106	—,003	+0,06
2938	6	—38 43 44,31	19,801	,3820	—9,7908	,2967	,1903	111	+,006	—0,06
2939	4	+58 10 57,32	19,801	,5575	+9,9242	,2967	,1903	112	+,014	—0,01
2940	4	+30 24 52,51	19,824	,6523	+9,6998	,2972	,1697	118	+,008	—0,10
2941	4	+42 59 34,37	19,826	+9,6201	+9,8292	+1,2972	+9,1672	121	+,001	+0,02
2942	4	—43 35 38,43	19,826	,3284	—9,8336	,2972	,1672	117	+,025	—0,06
2943	4	—16 9 11,48	19,830	,5752	—9,4387	,2973	,1637	122	+,012	—0,10
2944	4	+32 35 6,81	19,833	,6474	+9,7270	,2974	,1603	124	—,003	+0,04
2945	4	+39 19 36,52	19,834	,6304	+9,7976	,2974	,1594	125	—,001	—0,09
2946	4	—16 12 31,71	19,840	+9,5775	—9,4407	+1,2975	+9,1524	128	+,013	—0,06
2947	4	+86 23 52,20	19,846	,2227	+9,9948	,2977	,1462	135	+,197	+0,15
2948	4	+15 54 47,24	19,866	,6561	+9,4347	,2981	,1224	134	+,016	—0,03
2949	4	+42 21 20,88	19,875	,6107	+9,8250	,2983	,1118	142	+,008	+0,08
2950	4	—24 46 49,69	19,876	,5516	—9,5652	,2983	,1109	140	+,019	—0,06
2951	4	+49 33 28,04	19,887	+9,5752	+9,8782	+1,2986	+9,0951	144	+,011	—0,12
2952	4	+ 8 45 51,21	19,887	,6513	+9,1805	,2986	,0900	146	+,017	—0,03
2953	3	—32 59 1,86	19,896	,4742	—9,7323	,2988	,0828	148	—,009	+0,06
2954	4	—19 54 5,88	19,896	,5647	—9,5281	,2988	,0828	149	+,037	—0,19
2955	4	+73 5 19,90	19,898	,3820	+9,9777	,2988	,0797	152	+,043	+0,03
2956	4	—32 57 7,61	19,901	+9,4757	—9,7326	+1,2989	+9,0754	150	+,003	+0,20
2957	4	+43 50 31,21	19,918	,5911	+9,8380	,2992	,0483	160	+,016	—0,03
2958	4	+57 8 36,39	19,932	,5105	+9,9219	,2996	,0264	164	+,065	+0,54
2959	1	+45 27 49,75	19,940	,5752	+9,8510	,2997	,0070	171	+,001	—0,09
2960	4	+42 49 48,90	19,941	,5877	+9,8303	,2997	,0046	173	+,012	—0,02
2961	4	+54 52 58,29	19,942	+9,5198	+9,9107	+1,2998	+9,0008	175	+,031	—0,14
2962	4	—41 5 46,34	19,947	,4200	—9,8154	,2999	8,9907	176	+,014	—0,12
2963	4	+27 47 16,47	19,954	,6314	+9,6670	,3000	,9747	184	+,010	—0,07
2964	4	—19 48 3,85	19,969	,5786	—9,5275	,3003	,9359	189	+,019	—0,15
2965	3	+ 1 18 0,29	19,972	,6395	+8,3653	,3004	,9271	193	+,003	—0,03
2966	4	+61 17 56,26	19,975	+9,4487	+9,9417	+1,3005	+8,9165	195	+,026	+0,14
2967	4	—16 46 35,46	19,977	,5944	—9,4582	,3005	,9119	196	+,015	—0,02
2968	4	+50 42 18,24	19,984	,5237	+9,8876	,3007	,8849	204	+,029	—0,03
2969	3	+53 16 56,91	19,987	,5038	+9,9029	,3007	,8766	205	+,024	—0,05
2970	4	+ 1 19 15,96	19,988	,6395	+8,3710	,3008	,8716	206	+,008	0,00

No.	Star's name and Mag.	No. Obs.	Right Ascension Jan. 1, 1835.	Annual Precession.	Logarithms of			
					a	*b*	*c*	*d*
			h. m. s.	s.				
2971	*r* Pegasi 7	1	23 44 17,75	+3,034	+8,8523	—7,6822	+0,4820	+8,4037
2972	3 Messoris 6.7	3	44 26,66	2,741	9,4001	8,2281	,4379	+9,3844
2973	387 Aquarii 6.7	3	44 48,51	3,109	8,8661	7,6807	,4926	—8,4940
2974	*r* Andromedæ 7	3	45 18,99	2,965	9,0208	,8215	,4720	+8,9090
2975	21 App. Sculp 7	3	45 58,58	3,138	8,9465	,7268	,4966	—8,7651
2976	*p* Cassiopeæ 5 6	3	46 10,11	2,948	+9,0826	—7,8565	+0,4695	+9,0043
2977	F Pegasi 6.7	1	47 0,10	3,033	8,8662	,6114	,4819	+8,4932
2978	Cassiopeæ 6.7	3	47 15,29	2,975	9,0325	,7685	,4735	+8,9281
2979	——— 7	4	47 19,77	2,958	9,0816	,8176	,4710	+9,0028
2980	419 Pegasi 7	3	47 29,03	3,050	8,8370	,5660	,4843	+8,2307
2981	16 Cassiopeæ 6	3	48 51,79	2,978	+9,0628	—7,7417	+0,4739	+8,9752
2982	Pegasi 7.8	3	49 40,22	3,042	8,8610	,5040	,4832	+8,4611
2983	18 Cassiopeæ 6.7	3	49 47,41	3,000	9,0114	,6515	,4771	+8,8928
2984	4 Ceti 6.7	3	49 51,98	3,085	8,8423	,4765	,4893	—8,3016
2985	*o* Cassiopeæ 6.7	3	50 40,66	2,993	9,0635	,6610	,4761	+8,9762
2986	Andromedæ 7	3	50 53,35	3,007	+9,0122	—7,6000	+0,4781	+8,8941
2987	27 App. Sculp. 6.7	3	50 58,68	3,098	8,8877	,4723	,4911	—8,5917
2988	428 Pegasi 7	3	51 21,50	3,059	8,8308	,3951	,4856	+8,0866
2989	Piscuim 7.8	3	52 35,67	3,073	8,8267	,3240	,4876	—7,8958
2990	———	3	52 40,07	3,073	8,8267	,3159	,4876	—7,8980
2991	*τ* App. Sculp. 6.7	3	53 12,16	3,101	+8,9462	—7,4012	+0,4915	—8,7634
2992	433 Pegasi 6.7	3	53 34,03	3,050	8,8710	,3033	,4843	+8,5167
2993	74 Piscuim 7	3	53 34,93	3,070	8,8246	,2569	,4871	—7,6285
2994	*ζ* App. Sculp. 5.6	3	53 51,57	3,088	8,8890	,2973	,4897	—8,5959
2995	*p* Ceti 6.7	3	54 29,01	3,080	8,8534	,2149	,4885	—8,1065
2996	435 Pegasi 7	3	54 45,88	3,059	+8,8424	—7,1813	+0,4856	+8,3000
2997	311 Cephei 6.7	3	55 46,81	3,025	9,1438	,3857	,4807	+9,0873
2998	437 Pegasi 6.7	3	56 27,40	3,059	8,8693	,0321	,4856	+8,5075
2999	Androm 7	3	56 45,29	3,056	8,9088	,0258	,4851	+8,6640
3000	315 Cephei 6.7	3	57 55,20	3,046	9,1713	,0822	,4837	+9,1224
3001	440 Pegasi 7	3	58 3,90	3,063	+8,8785	—6,7572	+0,4861	+8,5520
3002	12 Ceti 6.7	3	58 23,32	3,072	8,8632	6,6491	,4874	—8,4725
3003	*c* App. Sculp. 6	3	59 39,74	3,068	8,9075	5,3712	,4869	—8,6597

The printing of the above Catalogue was commenced in the month of Catalogue have been observed—in fact it was in anticipation of being able inserted when the places have not been determined—but a more than usual prevented my accomplishing this,—it will consequently form part of the next

No.	No. Obs.	Declination Jan. 1, 1835.	Annual Precession.	Logarithms of				Piazzi No.	Annual P. M	
				a'	*b'*	*c'*	*d'*		A. R.	Dec
		° ′ ″	″						*s.*	
2971	4	+20 49 34,44	+19,998	+9,6325	+9,5504	+1,3010	+8,8289	214	+,009	—0,
2972	4	+74 37 25,79	19,998	+9,2553	+9,9832	,3010	,8270	218	+,104	—0,
2973	4	—25 8 50,73	20,001	+9,5628	—9,6269	,3010	,8137	222	+,007	—0,
2974	4	+50 36 13,93	20,003	+9,5105	+9,8874	,3011	,7999	223	—,001	—0,
2975	4	—41 13 10,52	20,007	+9,4579	—9,8177	,3012	,7791	225	+,046	—0,
2976	4	+56 34 54,85	20,008	+9,4594	+9,9209	+1,3012	+8,7731	226	+,001	+0,
2977	4	+25 2 11,50	20,012	+9,6191	+9,6264	,3013	,7445	229	+,005	—0,
2978	3	+51 48 59,64	20,014	+9,4928	+9,8959	,3013	,7353	231	+,001	+0,
2979	4	+56 29 41,69	20,014	+9,4533	+9,9205	,3013	,7353	232	+,021	+0,
2980	4	+14 18 42,84	20,015	+9,6365	+9,3931	,3013	,7283	233	+,010	—0,
2981	4	+54 47 11,58	20,021	+9,4609	+9,9119	+1,3015	+8,6784	237	+,019	—0,
2982	4	+23 25 54,14	20,024	+9,6180	+9,5997	,3015	,6126	240	+,009	—0,
2983	4	+49 31 2,03	20,025	+9,4969	+9,8810	,3016	,6397	242	—,004	+0,
2984	4	—16 45 55,44	20,025	+9,6064	—9,4589	,3016	,6338	243	+,020	—0,
2985	4	+54 50 7,57	20,028	+9,4502	+9,9123	,3016	,5971	245	+,017	—0,
2986	4	+49 36 36,63	20,028	+9,4914	+9,8816	+1,3016	+8,5875	247	+,003	—0,
2987	3	—30 24 14,21	20,029	+9,5002	—9,7036	,3016	,5842	248	+,017	—0
2988	4	+10 21 14,18	20,030	+9,6375	+9,2555	,3017	,5640	250	+,005	—0
2989	4	— 6 45 8,94	20,034	+9,6304	—9,0689	,3018	,4971	252	+,014	+0
2990	4	— 6 47 32,20	20,034	+9,6304	—9,0710	,3018	,4890	253	—,003	—0,
2991	4	—41 3 59,73	20,035	+9,4885	—9,8170	+1,3018	+8,4549	254	+,010	—0,
2992	4	+26 12 34,46	20,036	+9,6031	+9,6455	,3018	,4322	257	+,080	—0,
2993	4	— 3 41 1,54	20,036	+9,6345	—8,8037	,3018	,4322	258	+,005	+0,
2994	4	—30 38 25,52	20,037	+9,5567	—9,7068	,3018	,4082	259	+,004	—0,
2995	4	—20 58 4,95	20,038	+9,5985	—9,5529	,3018	,3613	262	+,014	+0.
2996	4	+16 38 13,01	20,039	+9,6253	+9,4575	+1,3019	+8,3387	263	+,010	+0
2997	4	+61 22 10,69	20,040	+9,3483	+9,9433	,3019	,2418	265	+,009	+0
2998	4	+25 43 50,44	20,041	+9,5988	+9,6384	,3019	,1627	268	+,019	—0
2999	4	+34 39 11,96	20,041	+9,5611	+9,7551	,3019	,1169	271	+,016	—0
3000	4	+63 16 38,00	20,043	+9,3053	+9,9510	,3020	7,9109	275	+,021	+0
3001	3	+28 6 39,49	20,043	+9,5877	+9,6735	+1,3020	+7,8787	276	+,040	—0,
3002	4	—24 1 21,85	20,043	+9,5955	—9,6093	,3020	7,7859	277	+,021	—0,
3003	5	—34 26 54,34	20,043	+9,5539	—9,7522	,3020	6,4657	279	+,005	—0,

July 1835—since which time several Stars whose places are omitted in the to fill up all the blanks, that I have in a few cases allowed the names to be succession of cloudy weather during the last four or five months of 1835 has volume. The places which have been observed are as follows:—

Cat. No.	Star's Name.	No. Obs.	Mean A. R. Jan. 1, 1835.	No. Obs.	Mean Dec. Jan. 1, 1835	Annual P. M. A. R.	Annual P. M. Dec.	
			h. m. s.		° ′ ″	s.	″	
321	142 Persei		3 9 ——	3	+48 36 56,43		—0,03	
333	——		3 20 ——	7	+47 27 14,44		+0,02	
362	*l* Pleiadum		3 36 ——	1	+24 0 27,33		+0,05	
363	27	2	3 36 30,21		——	—,007		
365	12 Pleiadum	3	3 37 33,10		——	+,008		
366	105 Tauri		3 38 ——	2	+23 50 0,86		—0,01	
370	——	2	3 39 32,84		——	+,007		
372	——		3 39 ——		——			
374	Fornacis	4	3 40 39,52		——	+,003		
375	138 Tauri	3	3 40 37,95		——	—,009		
378	206 Eridani	3	3 41 37,21		——	—,002		
379	*n* Rangiferis		3 41 ——		——			
380	H Camelop.	3	3 42 55,40		——	—,015		
432	o^1 Eridani	3	4 12 48,90		——	+,010		
436	220 Persei	3	4 13 56,55	3	+33 34 19,13	+,019	—0,14	One observation of the A. R. of this Star is given in the Catalogue, where for 55″,69 read 56″,69.
445	265 Tauri	4	4 21 7,63		——	+,016		
447	269 ——	4	4 21 20,93		——	+,021		
448	*m* ——		4 21 ——	3	+42 40 27,78		—0,06	
453	277 ——		4 24 ——	3	+12 53 52,26		—0,08	
462	ω^1 Eridani		4 27 ——	4	—30 6 20,49		—0,37	
463	335 Eridani	3	4 27 27,16		——	—,008		
467	40 Camelop.	2	4 30 32,35			+,011		
487	305 Tauri		4 — ——	4	+18 25 41,22		—0,32	
515	Eridani	2	4 51 37,58	3	—10 36 34,82	+,003	—0,13	
523	*e* Aurigæ	5	4 54 25,84	3	+62 15 14,65	+,006	+0,25	
594	27 Columbæ	6	5 27 55,16		——	—,006		
595	155 Orionis		5 28 ——	3	— 5 45 32,28		—0,02	
658	*n* Camelop.	3	5 51 23,85	2	+51 34 3,15	—,008	+0,03	
684	Columbæ		6 1 ——	4	—37 10 54,36		—0,02	
703	25 ——	2	6 9 50,06	2	—10 40 11,38	+,006	—0,04	
747	17 Lyncis		6 23 ——	1	+61 36 13,67		+0,15	
758	50 Geminorum	3	6 26 28,76		——	+,019		
760	26 Navis	2	6 26 42,42		——	+,014		
774	22 Lyncis	2	6 30 22,81		——	+,024		
783	Camelop.	3	6 32 45,97		——	+,005		
790	Canis Maj.		6 35 ——	4	—27 28 46,55		+0,14	
832	Monocer.	2	6 55 15,57		——	+0,14		
881	Lyncis		7 11 ——	2	+56 51 14,43		+0,06	
891	144 Geminorum		7 14 ——	2	+27 56 57,94		+0,06	
917	Canis Min.		7 26 ——	3	+ 3 41 46,36		+0,01	
936	Camelop.	2	7 32 22,68		——	+,003		
944	Navis		7 36 ——		——		+0,02	
954	Off. Typ.	2	7 40 45,63		——	+,009		
993	Navis		7 57 ——	4	—19 18 49,77		—0,01	

The foregoing Catalogue had been printed off as far as 22*h*. when I accidentally discovered that (contrary to my intention) it included several Stars whose places had been given in Vol. II.—it will now be desirable to compare the places given in each Catalogue as follows.

No.	Star's Name.	Mean A. R. Jan. 1, 1835 from Observations in			Mean N. P. D. Jan. 1, 1835 from Observations in		
		1832	1835	Difference.	1832	1835	Difference.
		h. m. s.	s.	s.	° ′ ″	″	″
1	24 Ceti	0 1 52,12	52,08	—,04	96 9 55,75	——	——
26	125 Piscium	28 12,19	12,17	—,02	75 40 37,88	35,08	—2,80
70	158 Ceti	57 21,07	21,38	+,31	100 50 49,27	51 49,07	—0,20
73	159 ——	57 48,59	48,77	+,18	100 43 31,40	31,32	—0,08
87	169 ——	1 3 20,23	20,75	+,52	93 7 41,20	41,52	+0,32
91	*b* ——	1 6 5,55	5,58	+,03	98 48 38,30	36,70	—1,60
109	c^2 Phœnicis	17 22,34	22,70	+,36	132 21 9,53	10,57	+1,04
166	*c* Cassiopeæ	48 32,38	32,11	—,27	19 53 57,63	57,68	+0,05
169	*f* ——	49 29,85	30,19	+,34	18 22 54,69	54,12	—0,57
168	v^1 Ceti	48 56,62	56,41	—,21	113 20 4,52	4,46	—0,06
176	v^2 ——	52 13,95	13,77	—,18	111 52 47,80	48,64	+0,84
179	*a* Piscium	53 30,97	31,17	+,20	88 2 8,13	8,35	+0,22
192	320 Ceti	2 1 4,67	4,93	+,26	86 33 8,26	6,85	—1,41
200	*ι* Trianguli	2 49,07	48,97	—,10	60 28 26,29	27,64	+1,35
232	*κ* Fornacis	14 59,67	59,67	,00	114 34 8,96	11,74	+2,78
219	*σ* Ceti	24 16,30	16,29	—,01	105 58 20,40	21,31	+0,91
269	*υ* Fornacis	42 2,88	2,67	—,21	128 5 37,56	34,66	—2,90
281	ρ^2 Arietis	46 32,95	33,06	+,11	72 20 29,20	29,39	+0,19
300	*i* ——	3 2 25,55	25,37	—,18	63 22 11,83	11,79	—0,04
319	36 Tauri	30 55,75	56,02	+,27	65 12 39,60	40,63	+1,03
350	*γ* Eridani	31 10,60	10,50	—,10	130 49 12,15	12,72	+0,57
358	*δ* Fornacis	35 41,33	41,51	+,18	122 28 9,74	7,98	—1,76
371	m^1 Eridani	39 45,18	45,03	—,15	113 44 26,99	26,21	—0,78
382	148 Tauri	43 44,46	44,56	+,10	73 10 11,31	10,82	—0,49
401	168 ——	54 30,25	29,98	—,27	66 21 14,97	15,15	+0,18
412	260 Eridani	4 2 19,94	19,94	,00	97 21 37,65	37,27	—0,38
457	*δ* Cel. Sculp.	25 47,06	47,22	+,16	135 18 43,41	46,17	+2,76
469	*u* Aurigœ	31 0,75	0,65	—,10	61 42 43,32	43,10	—0,22
544	*a* ——	5 4 39,79	40,01	+,22	57 30 ——	40,32	
545	*ρ* Orionis	4 40,16	40,23	+,07	87 20 30,08	30,65	+0,57
570	362 Tauri	18 16,97	17,07	+,10	74 16 22,38	21,20	—0,18
579	N Orionis	21 21,39	21,58	+,19	91 13 43,55	42,64	—0,91
582	368 Tauri	22 32,59	32,58	—,01	71 32 7,54	7,45	—0,09
584	*n* Orionis	22 35,37	35,25	—,12	86 50 23,35	23,63	+0,28
602	*ω* ——	30 28,72	28,82	+,10	85 58 46,19	43,71	—2,48
603	*ν* Columbæ	30 45,77	45,61	—,16	117 58 18,05	16,93	—1,12
631	*μ* ——	39 52,29	52,04	—,25	122 22 24,80	24,50	—0,30
637	*ω* Orionis	43 24,20	24,31	+,11	97 34 ——	4,58	
648	413 Tauri	47 45,53	45,55	+,02	64 4 ——	25,65	
682	17 Geminor.	6 1 25,01	25,12	+,11	65 33 5,35	6,43	+1,08
741	231 Aurigæ	21 41,09	41,05	—,04	57 26 8,26	8,27	+0,01
746	46 Geminor.	22 40,61	40,75	+,14	72 6 25,35	25,02	—0,33
860	*z* ——	7 5 38,46	38,51	+,05	61 49 22,24	23,22	+0,98
914	166 ——	23 59,71	0,13	+,42	74 0 48,10	45,89	—2,21
996	24 Cancri	58 43,33	43,49	+,16	62 2 45,78	45,60	—0,18
1005	30 ——	8 2 ——	16,53		79 41 45,62	45,97	+0,35
1056	*o* ——	30 13,32	13,40	+,08	69 58 46,71	47,16	+0,45
1057	102 ——	30 53,15	53,76	+,31	69 45 10,21	11,18	+0,97
1328	q^1 Leonis	10 55 9,90	10,09	+,19	89 6 50,61	48,07	—2,54
1340	296 ——	59 57,31	57,28	—,03	64 27 0,20	0,23	+0,03
1488	D Virginis	12 7 37,34	36,84	—,50	74 10 51,94	52,54	+0,60
1490	*h* Comæ Ber.	7 59,37	59,21	—,16	65 8 14,74	14,30	—0,44
1495	H Virginis	10 51,11	51,30	+,19	97 59 43,60	41,10	—2,50
1502	46 Comæ Ber.	11 32,39	32,24	—,15	60 37 6,43	8,20	+1,77

No.	Star's Name.	Mean A. R. Jan. 1, 1835 from Observations in			Mean N. P. D. Jan. 1, 1835 from Observations in		
		1832	1835	Difference.	1832	1835	Difference.
		h. m. s.	s.	s.	° ′ ″	″	″
1729	S^a Hydræ	13 50 46,74	46,82	+,08	114 12 3,25	0,43	—2,82
1787	ν Sobtarii	14 15 ——	24,98		114 3 10,04	8,35	—1,69
1999	67 Scorpii	16 0 ——	47,97		118 58 20,85	19,29	—1,56
2032	116 ——	16 21 15,91	15,97	+,06	116 10 11,68	12,92	+1,24
2153	30 Ophiuchi	17 6 6,63	6,74	+,11	116 18 0,69	2,20	+1,51
2329	112 Sagittarii	18 27 24,02	23,80	—,22	109 20 14,35	17,98	+3,63
2335	123 ——	18 31 47,75	47,94	+,19	113 58 ——	42,66	
2377	168 ——	18 51 40,96	40,87	—,09	112 55 9,14	8,53	—0,61
2443	Vulpeculæ	19 25 43,30	43,38	+,08	113 39 45,11	43,99	—1,12
2509	1 Capricorni	19 59 10,43	10,15	—,28	105 29 57,04	56,13	—0,91
2616	14 Aquarii	20 43 25,07	25,06	—,01	96 7 14,01	15,51	+1,50
2621	ν Equulei	20 47 24,98	24,96	—,02	86 5 34,76	33,22	—1,54
2664	Aquarii	21 6 ——			97 45	——	
2790	26 Lacertæ	22 10 9,23	9,16	—,07	104 7 37,74	37,50	—0,24
2885	Aquarii	22 59 24,88	——		119 42 49,68	——	
2992	433 Pegasi	23 53 33,93	34,03	+,10	63 47 25,66	25,54	—0,12

From the above comparison we may form a tolerable idea of the general accuracy attained in the Catalogue—among the Right Ascensions the largest discordance occurs in the case of 169 Ceti where we find a difference of $0^s,52$.; now considering that each result is liable to error, and that too in a like proportion (the same number of observations having generally speaking been made for each result) it will in this extreme case be only fair to distribute the error equally, or to charge either result with an error of $0^s,26$:—consulting the N. P. D. columns the largest discordance occurs in 112 Sagittarii, where the difference between the two determinations amounts to $3'',62$—here too it would be only fair to suppose the half difference to apply to each result—not however to view the case too favorably, it will perhaps be sufficiently near the truth to suppose that the Right Ascension errors do not exceed the whole difference ($0^s,52$) and for the Declination—since uncertainty in the refraction may create errors, which, being common to both catalogues, would not appear in the difference, it will be erring on the right side to allow $4''$ (a little more than the whole difference—the $3'',62$ found above) to represent the largest amount of error. With regard to ascertaining the errors or Piazzi's Catalogue, the only means which offers is that of comparing the places assigned by Bode with those given from further observations by Piazzi himself—the result of such a comparison shews, that for Stars situated near to the Pole the Right Ascensions are liable to a larger amount of uncertainty than that found above for the Madras Catalogue, and for the other Stars a similar amount may perhaps apply; and further,—that from four to five seconds is the largest uncertainty for the Declination; if these inferences be allowed we determine that the uncertainty of the proper motion in A. R.

(found from the interval of 35 years) does not exceed $\frac{0^s,52+0^s,52}{35}=0^s,030$; and that the uncertainty of the proper motion in Declination does not exceed $\frac{4'',00+4'' 50}{35}=0'',243$;—Now the equinoctial point assumed by Piazzi in the construction of his Catalogue of A. R. is the same as that employed by Dr. Maskelyne; whereas the equinoctial point assumed in the Madras Catalogue was Maskelyne $+0'',20$; or the Comparison of our Catalogue with Piazzi tends to establish a proper motion $+0'',0057$—hence we can safely assert, that all the proper motions found in the above Catalogue which exceed the limits $+,^s0357$ and $-,^s0243$ for A. R. and $\pm 0'',243$ for Declination are *bonâ fide* proper motions; and for the rest, we are left to conclude that they consist of proper motion mixed up with error of observation. If we now exclude from the Catalogue all the proper motions between the limits $+,^s036$ and $-,^s024$ for the A R. and $\pm 0'',25$ for Declination there remain 135 cases of proper motion in Right Ascension as follows.

Proper Motion in Right Ascension.

Cat. No.	Proper Motion in Time.	Proper Motion in Arc.	Remarks.	Cat. No.	Proper Motion in Time.	Proper Motion in Arc.	Remarks.
	s.	"			s.	"	
1	+,037	+0,55		514	—,044	—0,16	
18	+,038	+0,23		525	—,054	—0,16	
28	—,035	—0,49	—0″,70 from F. P.	560	—,062	—0,93	
35	—,030	— 0,12		639	—,027	—0,16	
39	—,032	—0,13		683	—,179	—1,97	—0″,80 C. P.
45	+,154	+0,07		726	+,050	+0,14	
58	—,370	—0,36		739	+,131	+0,09	
111	+,042	+0,45		745	—,035	—0,21	
114	+,018	+0,25	+0″,15 from B.	747	—,025	—0,18	
133	+,051	+0,26	+0″,11 from B.	796	+,043	+0,55	
137	+,084	+0,94		802	+,065	+0,90	
146	+,095	+0,31		813	+,037	+0,48	
167	+,083	+0,28		827	—,095	—0,20	
182	+,084	+0,42		853	—,029	—0,44	
187	+,013	+0,52		854	—,082	—0,19	
196	—,138	—0,75		925	—,213	—0,51	
199	+,038	+0,36	There are two Stars.	957	—,065	—0,89	—0″,90 from P.
215	—,031	—0,38	+1″,29 from B. P. There are two Stars.	962	—,025	—0,20	
238	+,314	+1,57	Do. Do.	970	+,104	+0,76	
251	—,027	—0,34	—0″,67 from B.	980	—,108	—0,85	
266	—,057	—0,71		1002	—,029	—0,23	
268	—,030	—0,37	+0″,07 from B.	1020	+,093	+1,36	
306	—,036	—0,38		1064	+,040	+0,46	
353	—,035	—0,17		1090	—,039	—0,43	
394	+,060	+0,83	There are two Stars.	1158	—,025	—0,30	
403	+,114	+1,69		1162	—,116	—0,51	
448	+,090	+1,09		1192	+,041	+0,59	+0″,01 from M.
499	—,025	—0,10		1196	—,030	—0,13	
504	+,047	+0,57		1208	—,025	—0,31	
				1221	—,198	—0,25	Dec. 4 55′

Cat. No.	Proper Motion in Time.	Proper Motion in Arc.	Remarks.	Cat. No.	Proper Motion in Time.	Proper Motion in Arc.	Remarks.
	s.	"			s.	"	
1225	+,040	+0,60	—0",66 from B. F.	2499	—,082	—0,98	
1228	—,025	—0,15	—0",13 from B.	2515	+,048	+0,58	+0",24 C.
1229	—,038	—0,48		2524	+,044	+0,66	There are two Stars.
1238	—,090	—0,15		2526	+,067	+0,24	—0",82 B.
1272	—,028	—0,30	A double Star.	2528	—,140	—0,95	Bode and Piaz. differ.
1281	—,025	—0,14		2535	+,047	+0,33	
1358	+,055	+0,81		2558	+,094	+0,31	Bode and Piaz. differ.
1374	—,050	—0,74	—0",78 from B. P.	2596	+,065	+0,15	
1375	—,052	—0,75	This Star accompanies	2601	+,064	+0,15	
1396	—,054	—0,69	No. 1374.	2647	+,368	+4,36	+5",38 B. F. P.
1414	—,058	—0,73	P. gives "—1",00 circiter" in his note.	2648	+,369	+4,37	+5",30 B. P.
1421	+,037	+0,51		2669	+,042	+0,14	
1455	+,042	+0,47		2699	+,038	+0,20	
1527	—,028	—0,36		2750	+,037	+0,33	
1551	—,043	—0,48		2751	+,045	+0,52	
1570	—,041	—0,60		2764	—,032	—0,14	+0",02 B.
1571	+,044	+0,25		2773	+,060	+0,49	
1622	—,029	—0,32		2775	+,049	+0,51	
1660	—,064	—0,95		2787	—,030	—0,25	
1815	—,029	—0,30		2801	+,049	+0,18	
1821	—,028	—0,29	—0",40 C.	2814	+,037	+0,47	
1842	+,047	+0,49		2815	+,043	+0,43	
1853	—,031	—0,13		2822	+,040	+0,13	—0",55 B.
1890	—,063	—0,28	See Piaz. note.	2827	+,063	+0,71	
1916	+,038	+0,17		2831	+,051	+0,15	—0",53 B.
1928	—,053	—0,36		2859	+,089	+0,17	
1967	+,067	+0,62		2864	+,068	+0,14	
2206	+,037	+0,25		2878	+,049	+0,08	—0",05 M.
2260	—,092	—1,30		2881	+,047	+0,45	
2269	—,031	—0,12		2908	+,044	+0,57	
2301	+,058	+0,15	+0",14 B. P.	2947	+,197	+0,18	
2320	—,029	—0,03		2954	+,037	+0,53	
2349	+,037	+0,16		2955	+,043	+0,19	
2363	+,040	+0,31		2958	+,065	+0,53	
2374	—,096	—0,38		2972	+,101	+0,39	
2395	—,137	—1,66		2975	+,046	+0,52	
2485	+,041	+0,21	—0",59 B.	2992	+,080	+1,08	+0",90 B. F. P.
2486	+,067	+0,31		3001	+,040	+0,52	

And further, there remain the following 128 cases of Proper motion in Declination.

Proper Motion in Declination.

No.	P. M.	Remarks.	No.	P. M.	Remarks.
	"			"	
2	—0.26	—0",20 F. B. P.	91	+0,34	there are two Stars.
22	—0,50	—0".30 C. P.	153	+0,29	
28	—0,51	—0",42 F. B. P.	199	—0,26	—0",28 B. P.
67	—1,64	—0",65 see piaz note.	226	+0,38	
78	—0,47	—0",52 B. C. P.	234	—0,30	

No.	P. M.	Remarks.	No.	P. M.	Remarks.
	″			″	
237	—0,32	—0″,22 B. P.	1788	—0,27	
253	—0,59	there are two Stars.	1821	—0,31	—0″,30 C. P.
258	—0,41		1865	—0,34	
262	—0,27		1962	—0,72	—0″,16 B. P.
306	—0,26		1967	+0,15	+0″,50 P. P.
322	+1,99		1982	—0,78	
339	—0,26		2003	+0,38	
343	—0,29		2007	—0,36	—0″,42 B. P.
371	—0,42	—0″,59 B. P.	2008	—0,48	
377	—0,28	four Stars.	2082	+0,27	
405	—0,29		2100	—0,41	
433	—0,27	two Stars.	2117	—0,34	
440	+0,31	two Stars.	2128	+0,42	
462	—0,37	—0″,27 B. P.	2139	—0,34	
487	—0,32	—0″,42 M. P.	2146	—0,26	
532	—0,42	—0″,50 B. P.	2151	—0,30	
692	—0,31	—0″,30 C.	2153	—1,23	—1″,24 M. F. B.
726	—0,61		2169	—1,05	—1″,02 B. F. P.
799	—0,26		2204	—0,33	
804	—0,26		2205	—0,27	+0″,17 B.
813	—0,35		2206	—0,33	—0″,40 P.
820	+1,88	two stars.	2234	—0,28	see Piaz. note.
845	—0,34	—0″,40 B.	2272	—0,32	
870	+0,47		2320	+0,62	
906	+0,29		2334	+0,51	
924	—0,29		2370	—0,26	two Stars.
947	—0,59		2373	—0,31	
950	—0,33		2464	—0,29	
1000	+3,19	this must be examined.	2478	—0,31	
1003	—0,69	—0″,65 P.	2489	—0,29	
1060	—0,34	two Stars.	2511	—0,29	
1102	—0,43	two Stars.	2514	—0,58	—0″,55 B. P.
1151	—0,27		2515	—1,69	—1″,47 C. P.
1158	—0,28		2598	—0,25	
1208	—0,49	—0″,41 B. E. P.	2599	—0,26	
1236	—0,42		2605	—0,35	—0″,19 C. P.
1249	—0,30	+0″,08 B.	2612	+0,44	+0″,20 B. P.
1359	—0,28		2647	+3,12	+3″,30 B. F. P.
1389	—0,27	—0″,25 B. P.	2648	+2,93	+3″,00 P.
1395	—0,28	—0″,28 B.	2720	+0,26	
1396	+0,75	+0″,80 P. &c. See note.	2761	—0,26	
1399	+0,26		2781	—0,35	
1412	—0,53		2808	—0,46	
1453	—0,58	—0″,55 B. P.	2819	+1,09	
1498	—0,30		2852	—0,54	Double Star.
1563	—0,37		2933	—0,36	—0″,30 M. P.
1596	—0,26		2958	+0,54	
1666	—0,29		2992	—0,74	—1″,15 Piaz. says. ex nestris observationibus motus in declination—0″,10 tantnur."
1700	—0,36				
1762	—0,30				

In the above, the Proper Motion in *Arc* is that measured on the arc of a great circle, whereas the values given by Piazzi (which are set down in the remarks) from comparison of his own observations with M. F. B. &c. (with Mayer, Flamstead, Bradley, &c.) are the variations of the A. R. measured on small circles of the

With regard to the remaining values of Proper Motions which in fact consist of Proper Motion combined with error of Observation, if the Proper Motions occur ndifferently + and — without any particular tendency to either of these, we may expect, that combined with the error of Observation, the mean of a great many results will = 0; this at least is true for the A. R. when we have deducted $\frac{0^s,20}{35} = ,0057$, the difference between the points assumed in either Catalogue for the place of the Equinox; the Proper Motions in Declination however, will be liable to a small general correction due to the errors of each Observer in estimating the position of the Pole (the difference of Latitude in fact may be slight erroneous)—this premised, we will now take the mean of the Proper Motions in each hour of A. R. as follows.

Mean of the Proper Motions.

Right Ascension.				Declination.		
Hour.	P. M Stars.	No. and sum of + & — P. M.	Mean —,0057	P. M. Stars.	No. and sum of + & — P. M.	Mean.
		s.			"	
0	7	60= +0 912 11= —0,077	+,0061	5	29= +0,99 43= —3,73	—,0381
I	8	87= +1,081 15= —0,109	+,0038	2	48= +2,28 60= —5,37	—,0286
II	7	61= +0 661 37= —0 318	—,0022	7	37= +2 51 61= —5,97	—,0353
III	4	69= +0,701 28= —0,177	—,0003	7	41= +1 90 62= —5,03	—,0304
IV	5	95= +0 928 26= —0,175	+,0005	5	51= +3 19 70= —6,36	—,0262
V	2	116= +1,009 28= —0,201	—,0002	3	53= +3,96 74= —6 99	—,0239
VI	9	122= +1,185 32= —0,240	—,0004	10	72= +4 56 79= —7 61	—0,202
VII	7	123= +1,154 23= —0 166	+,0011	5	59= +2 96 89= —7 49	—,0306
VIII	3	79= +0 918 31= —0 280	+,0001	2	30= +1 70 76= —6,31	—,0435
IX	6	73= +0,709 30= —0,189	—,0007	3	31= +1,36 75= —5,55	—,0395
X	7	84= +0,907 29= —0 276	—,0001	2	39= +1,55 79= —8,19	—,0563
XI	7	97= +1,128 41= —0,348	,0000	6	28= +1.45 92= —8,64	—,0599
XII	4	105= +1,301 13= —0,091	+,0046	3	51= +3,47 87= —8 14	—,0338
XIII	2	105= +1 086 32= —0,244	+,0004	2	46= +2 57 90= —7 45	—,0359
XIV	4	98= +0 969 33= —0 195	+,0002	5	41= +1,91 90= —8 13	—,0475
XV	4	82= +0 846 18= —0,146	+,0013	3	31= +2 36 72= —6.27	—,0380
XVI	0	85= +0,721 48= —0,358	—,0030	6	38= +1 94 95= —10,41	—,0637
XVII	3	82= +0,754 39= —0,280	—,0018	10	32= +1,25 76= —8 27	—,0650
XVIII	5	81= +0 718 22= —0,185	—,0005	4	31= +1,73 76= —8,42	—,0625

Right Ascension.				Declination.		
Hour.	P. M. Stars.	No. and sum of + & — P. M.	Mean —,0057	P. M. Stars	No. and sum of + & — P. M.	Mean.
		s.			"	
XIX	4	97= +1 005 24= —0,186	+,0011	4	33= +1 90 80= — 8 20	—,0558
XX	10	97= +1 150 16= —0,117	+,0034	5	43= +3,03 85= —9,12	—,0476
XXI	5	96= +1 227 12= —0 104	+,0047	2	33= +1 50 78= —7,76	—,0564
XXII	13	89= +1,047 11= — 0 049	+,0041	4	45= +2 43 67= — 5,85	—,0354
XXIII	9	94= +1.259 13= —0,101	+,0051	3	43= +2,59 70= —5,58	—,0265

Examining the column for A. R. although *no great* regularity is observed, still there is an accordance between the results taken in groups, which shews that a compensation of some kind is wanted—with a view to investigate the law of this difference I have divided the above table into zones of 20' broad, i. e. from Dec. 0' to 20' and from 20' to 40' &c. but the numbers are thereby so much thinned as to leave results little worthy of credit. From the column for Declination (the mean of which = —",0417) we learn, that setting aside any determination to either + or — Proper Motion, either *true* or *apparent* (of which we have yet no certain proof) the sum of the errors of the Latitudes at Palermo and Madras = 1",46 (should the whole of this correction apply to Madras, the Latitude would come out 13° 4' 7",75 which is I apprehend a little (about 1" too small)—Examining the numbers severally—here too something approaching to regularity seems to exist which cannot have been the effect of chance—the defect of the values at V and VI hours, and the excess at XVI, XVII and XVIII hours, assures us that the difference does not arise from error in the value of the annual motion of the Pole; whereas the small excess of the values at XI, XII and XIII hours compared with those at XXIII, 0, and I, may be doubled or reversed by the effect of the former inequality—be the matter how it will, it would hardly be safe to hazard a conjecture as to the cause of these differences at present, since it is very evident that the error of observations or the chance excess of + or — *true* Proper Motions still usurps a powerful sway over these results, but a further Catalogue of 2000 Stars now in the course of observation (which with these and the results of Vol. II includes all the Stars in Piazzi's Catalogue) will I venture to hope place error of observation *hors de combat* and leave us in possession of an explanation of this now seeming anomaly. I have made use of the term *apparent* and *true* with reference to the Proper Motion of the fixed Stars—terms which are I believe new, and may therefore require some brief explanation; by the latter expression is meant an actual motion of the Star itself, whereas for the former—Suppose the Solar System to be in motion in space—then the places of those Stars situated in the axis of motion would appear (as far as concerns the said motion) to be at rest, whereas those Stars situated in the great circle at right angles to this axis

would have an *appparent* Proper Motion—apparent in the first instance by reason of the motion of the system, and again *apparent* after long intervals of time (which observations during several centuries could only render sensible) by reason of variation of the aberration of light.

Errata in Vol. II. Results for 1832 & 1833.

			°	′	″		°	′	″
Page 87 N. P. D.	Nov. 27	for	103	58	46,42	read	103	59	36,29
	Dec. 2	—	105	54	50,40	——	105	55	45,79
	9	—	108	19	52,33	——	108	20	54,05
	11	—	106	57	5,48	——	108	58	3,14
	13	—	109	32	12,74	——	109	33	16,68
	18	—	110	50	13,16	——	110	51	20,38
	25	—	112	13	59,69	——	112	15	10,75
	26	—	112	25	22,81	——	112	24	33,43
	30	—	112	56	4,43	——	112	55	18,45

lxxix No. 1752 for 106 41 18,12 read 106 40 18,12 the Soc. Cat. I' wrong.

Errata in the Catalogue of 3000 *Stars* (*Results for* 1834 *and* 1835.)

			″		″
26	P. M. Dec.	for	—0,51	read	+0,03
226	— —	—	+0,34	——	+0,38
232	— —	—	—0,29	——	—0,11
247	— —	—	—1,11	——	—0,11
364	— A. R.	—	+0,27	——	+0,027
403	— —	—	—	——	+
436	A. R.	—	55ˢ,69	——	56ˢ,55
484	Ann. Pre. A. R.	—	3ˢ,861	——	3ˢ.852
	Log. *a*	—	8,4330	——	8,4365
	Log. *b*	—	8,8696	——	8,8692
	Log. *c*	—	0,5867	——	0,5857
	Log. *d*	—	8,1609	——	8,1643
506	Piaz. No.	—	235	——	236
528	P. M. A. R.	—	+,ˢ061	——	+,ˢ001
580	Piaz. No.	—	112	——	122
594	— —	—	156	——	157
595	P. M. Dec.	—	+1″,81	——	—0″,02
645	— —	—	—0″,26	——	+0″,10
683	P. M. A. R.	—	—0ˢ,025	——	—,179
684	A. R.	—	1ᵐ,39ˢ,24	——	1ᵐ,39ˢ,74
696	P. M. Dec.	—	—0ˢ,37	——	+″0,10
718	A. R.	—	13ᵐ,58ˢ,87	——	13ᵐ,53ˢ,60
——	P. M. A. R.	—	+,157	——	+,009
720	Piaz. No.	—	87	——	88
721	P. M. Dec.	—	—0″,56	——	—0″,23
746	A. R.	—	22ᵐ,44ˢ,23	——	22ᵐ,40ˢ,75
——	P. M. A. R.	—	+,099	——	,000
807	— Dec.	—	+0″,58	——	+0″,01
872	Piaz. No.	—	47	——	48
——	P. M. A. R.	—	+,042	——	+,015
905	A. R.	—	20ᵐ,7ˢ,76	——	20ᵐ,6ˢ,76
——	P. M. A. R.	—	+,051	——	+,023
966	Piaz. No.	—	240	——	245
1108	P. M. Dec.	—	—0″,27	——	+0″,02
1109	— A. R.	—	—0ˢ,57	——	0ˢ,00
1127	Dec.	—	44″,79	——	33″,99
——	P. M. Dec.	—	—0″,28	——	—0″,03
1356	— A. R.	—	+0ˢ,75	——	+,018ˢ
1624	— —	—	—0ˢ,26	——	+,003ˢ
1709	An. P. A. R.	—	3,447	——	3,477
	Log. *a*	—	8,8533	——	8,8633
	Log. *b*	—	8,5424	——	8,5524
	Log. *c*	—	0,5374	——	0,5412
	Log. *d*	—	8,5882	——	8,6204

Errata in the Catalogue of 3000 Stars (Results for 1834 and 1835.)

			″		″
1988	Dec.	—	17,29	——	5″,64
——	P. M. Dec.	—	—0″,87	——	—0″,04
2041	Piaz. No.	—	106	——	116
2100	Dec.	—	0′,4″,00	——	4′,12″,96
2153	Dec.	—	16′,33″,92	——	18′,2″,20
——	P. M. Dec.	—	—1″,30	——	—1″,23
2162	— A. R.	—	—112ˢ	——	+0ˢ02
2180	Dec.	—	6″,31	——	0″,91
——	P. M. Dec.	—	—0″,28	——	—0″,12
2243	— A. R.	—	—0ˢ,28	——	+0ˢ,14
2414	Dec.	—	39″,49	——	0″,15
——	P. M. Dec.	—	+1″,16	——	+0ˢ,04
2462	— —	—	+0″,89	——	—0″,07
2553	— A. R.	—	+0ˢ,70	——	+0ˢ,16
2595	Ann. P. A. R.	—	3ˢ,837	——	3,842
	Log. *a*	—	8,7179	——	8,7189
	Log. *b*	—	8,8093	——	8,8103
	Log. *c*	—	0,5840	——	0,5846
	Log. *d*	—	8,4927	——	8,4953
2598	P. M. Dec.	—	—0″,31	——	—0″,25
2612	Dec.	—	55′,13″,29	——	56′,13″,29
——	P. M. Dec.	—	—1″,27	——	+0″,44
2856	Log. *a*	—	8,8031	——	8,8029
	Log. *b*	—	8,3498	——	8,3497
	Log. *d*	—	7,9634	——	7,9545